

DX LISTENING DIGEST 18-11, March 13, 2018
Incorporating REVIEW OF INTERNATIONAL BROADCASTING
edited by Glenn Hauser, <http://www.worldofradio.com>

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<http://www.worldofradio.com/dxldmid.html>
[also link to previous years]

NOTE: If you are a regular reader of DXLD, and a source of DX news but have not been sending it directly to us, please consider yourself obligated to do so. Thanks, Glenn

WORLD OF RADIO 1921 contents: Argentina non, Bhutan, Bolivia, Brasil, China, Cuba, Europe, Iran and non, Japan, Korea South, Madagascar, Nigeria and non, Russia, South Carolina non, Spain, Sudan and non, Sudan South, Taiwan, Uganda non, USA; and the propagation outlook

SHORTWAVE AIRINGS of WORLD OF RADIO 1921, March 14-20, 2018

Tue 2030	WRMI	9455 7780 [1920 replayed]
Tue 2130	WRMI	9455 7780 [1920 replayed]
Tue 2330	WBCQ	9330v-CUSB [1920 replayed]
Wed 1030	WRMI	9455 [confirmed]
Wed 2100	WBCQ	7490v [confirmed]
Wed 2330	WBCQ	9330v-CUSB [confirmed]
Thu 2230	WRMI	5850 [confirmed JBA]
Thu 2330	WBCQ	9330v-CUSB [confirmed]
Fri 2330	WBCQ	9330v-CUSB [confirmed JBA]
Sat 0730	HLR	6190-CUSB Hamburger Lokalradio
Sat 1531	HLR	6190-CUSB Hamburger Lokalradio [confirmed England]
Sat 1930v	WA0RCR	1860-AM
Sat 2130	WBCQ	9330v-CUSB [confirmed]
Sat 2300	WRMI	7780 [confirmed]
Sun 0200	WRMI	7780 [confirmed]
Sun 0310v	WA0RCR	1860-AM [confirmed from 0327]
Sun 1130	HLR	9485-CUSB Hamburger Lokalradio
Sun 2330	WBCQ	9330v-CUSB
Mon 0300v	WBCQ	5130v-AM Area 51
Mon 0330	WRMI	9955
Mon 2330	WBCQ	9330v-CUSB

Tue 0030 WRMI 7730
Tue 2030 WRMI 9455, 7780 [or #1922?]

Latest edition of this schedule version, including AM, FM, satellite and webcasts with hotlinks to station sites and audio, is at:
<http://www.worldofradio.com/radioskd.html> or
<http://schedule.worldofradio.org> or <http://sked.worldofradio.org>

For updates see our Anomaly Alert page:
<http://www.worldofradio.com/anomaly.html>

WORLD OF RADIO PODCASTS:

Tnx to Dr Harald Gabler and the Rhein-Main Radio Club.
<http://www.rmrc.de/index.php/rmrc-audio-plattform/podcast/glenn-hauser-wor>

ALTERNATIVE PODCASTS, tnx Stephen Cooper:
<http://shortwave.am/wor.xml>

ANOTHER PODCAST ALTERNATIVE, tnx to Keith Weston:
<http://feeds.feedburner.com/GlennHausersWorldOfRadio>

NOW tnx to Keith Weston, also Podcasts via iTunes:
<https://itunes.apple.com/us/podcast/glenn-hausers-world-of-radio/id1123369861>

AND via Google Play Music:
<http://bit.ly/worldofradio>

OUR ONDEMAND AUDIO:

<http://www.worldofradio.com/audiomid.html>
or <http://wor.worldofradio.org>

DAY-BY-DAY ARCHIVE OF GLENN HAUSER'S LOG REPORTS:

Unedited, uncondensed, unchanged from original version, many of them too complex, minutely researched, multi-frequency, opinionated, inconsequential, off-topic, or lengthy for some log editors to manage; and also ahead of their availability in these weekly issues:
<http://www.hard-core-dx.com/index.php?topic=Hauser>

IMPORTANT NOTICE!!!! WOR IO GROUP: Effective Feb 4, 2018, DXLD yg archive and members have been migrated to this group:

<https://groups.io/g/WOR>

[there was already an unrelated group at io named dxld!, so new name]
From now on, the io group is primary, where all posts should go. One may apply for membership, subscribe via the above site.

DXLD yahoogroup: remains in existence, and members are free to COPY same info to it, as backup, but no posts should go to it only. They may want to change delivery settings to no e-mail, and/or no digest.

The change was necessary due to increasing outages, long delays in posts appearing, and search failures at the yg.

Why wait for DXLD issues? A lot more info, not all of it appearing in DXLD later, is posted at our io group without delay.

** AFGHANISTAN. Radio Talwasa new on 945 kHz & FM --- New(ish) on mediumwave is Radio Talwasa, based in Sharana, the capital of Afghanistan's Paktika province (thanks to Indian DXer Ck Raman for alerting us to this via the WRTN Facebook group). It broadcasts on 945 kHz & 87.9 MHz FM at 06:00am to 10:00pm local time [0130-1730 UT] according to their website at

<http://talwasa.com> &

<http://talwasa.af>

although I've observed them signing-on at 1130 UT on a Friday (9 March). The website is mainly in Pashto but also has an informative About Us page, and hosts a live stereo audio stream (David Kernick, Interval Signals Online, March 10, WOR iog via DXLD)

Further information on Radio Talwasa 945 kHz --- The station went on the air in May 2015: Private AM radio on air in Paktika to counter insurgency May 24, 2015

<http://afghanistantimes.af/private-am-radio-on-air-in-paktika-to-counter-insurgency/>

The picture on the about-us-page

<http://talwasa.com/about/>

shows two AM transmitters built by the US-firm Broadcast Electronics: ÑAM 10Ai and ÑAM 2.5Ei (probably reserve transmitter). Information sheets about these transmitters can be found at

<http://www.bdcast.com/products/details/a-series/am-10a> and

<http://www.bdcast.com/products/details/e-series/am-2-5e>

(Dr Hansjoerg Biener, 12 March 2018, *ibid.*)

Hi Hansj^rg, thanks, yes, it can be heard also in Finland, attached a weak recording from Friday. It helps that AIR Sambalpur is off the air waiting for the new transmitter, but Iran and Romania are mostly on top.

I just got a reply from them and they say that this private station has replaced the semi-gov station Paktin Voice 1386 kHz and doubled its transmitter power.

Seems, that talwasa.af domain is out of use, so working emails have talwasa.com at the end. Best regards from still very snowy Finland, (Mauno Ritola, DX LISTENING DIGEST)

** AFGHANISTAN. Fair signal of Radio Afghanistan External Service,

March 11:

from 1600 6100 YAK 100 kW / 125 deg to SoAs Urdu, co-ch KCBS in Korean
from 1630 6100 YAK 100 kW / 125 deg to SoAs Arabic no signal/only KCBS
swldxbulgaria.blogspot.bg/2018/03/fair-signal-of-radio-afghanistan.html

(DX RE MIX NEWS #1063 from Georgi Bancov and Ivo Ivanov, March 13,
2018, WOR iog via DXLD)

** ALASKA [and non]. RUSSIA[non], 6110, KNLS, 1509+ 11 March. KNLS in Russian is being swatted by (presumed) NK pulse jammer (Shiokaze is here 16-17 -- who knew the NK crew were so proactive?). (Dan Sheedy, Moonlight Beach, CA, PL380/6m X wire, DX LISTENING DIGEST)

** ALBANIA [non]. USA: Radio Tirana via WRMI 5850 kHz. Full Data card in 6 weeks for e-mail report. This was for the Radio Tirana relay but relay not indicated on QSL. A report direct to Radio Tirana so far has not been answered (Doug Copeland, MB, March CIDX Messenger via DXLD)

** ALGERIA [non]. Greetings From Minnesota! The noise level seemed pretty low last night just before bed and I was able to hear this one of which I had not heard before. Of course the QRM from nearby RHC was pretty bad, if they were modulating closer to 50% it probably would have been worse and may have never heard the Issoudun signal:

Radio Algerienne, 6105 kHz, 0622 8 MAR - RADIO ALGERIENNE (ALGERIA). SINPO = 23322. Arabic, female announcer between A cappella male microtonal chanting. QRM=splatter from RHC on 6100 (SINPO 55444 weak modulation). QSB=rapid-to-ff rate, modulation mostly just above QRM+noise floor with occasional fades to mixing with it. sf67.5, a4, k0, geomag: inactive. 500 kW, BeamAz 198 , bearing 50 . Sangean ATS505 with MFJ-1020C active antenna and MFJ-901B tuner used to preselect ~75 feet of rain gutter running north/south. Received at Plymouth, United States, 6905 km from the transmitter at Issoudun. Local time: 0022. 73s (--Rodney <http://swldx.tumblr.com> Johnson, WOR iog via DXLD)

** ANDAMAN & NICOBAR ISLANDS. 4760, AIR (Port Blair) 1431-1446 5 March. Poor but readable in Hindi with zippy music, DJ chat, what sound like ads/PSAs with a couple of "www.----" sites thrown in for good measure. Also breaking the noise level on 9 March at 1418-1430+ (Dan Sheedy, Encinitas, CA, PL380/6m X wire, DX LISTENING DIGEST)

** ANGUILLA. 6090, March 8 at 0646, CB is off again.
11775, March 11 at 1352, PMS is on again.

6090, March 12 at 0601, PMS is on again. And so is 11775 circa 1400
6090, March 13 at 0615, CB is off again; also off March 14 at 0232
check (Glenn Hauser, OK, DX LISTENING DIGEST)

** ARGENTINA. Somos Radio AM 530 kHz - (Nueva MW de Buenos Aires -

Argentina) Hablando de la comunicaci n hoy en Cuba a las 0039 UT, D a 08 de Marzo 2018, SINPO 34323

<https://youtu.be/UGIMfVsIV0g>

RX: Yaesu FRG 8800; Antena: Beverage simples; (DXer: Daniel Wyllyans - S tio Estrela do Araguaia - Nova Xavantina - Mato Grosso - Brasil, Hard-Core-DX mailing list via DXLD)

So you are sure it was not just a Cuban on 530? I can't make out anything from the awful recording (Glenn Hauser, DXLD)

** ARGENTINA [non]. Further chex of RAE relays via WRMI, Mon March 12:

March 12 at 1900, again no RAE German on 9395, instead Oldies // 9455, and from 1958 past 2000, 9395 still Oldies, not RAE Italian, while 9455 breaks off for variety programming, see USA: WRMI.

Recall that these alleged M-F transmissions scheduled effective January 8 were also always missing until they finally appeared exactly one month ago on February 12. Apparently lost in the shuffle again due to confusion with DST affecting other transmissions (and/or the cloc on the servers in question --- but AFAIK these two are not showing up at any time on any frequency).

5950, at 2200 March 12, no signal from RAE Spanish; it's always weak here but should be able to detect it. By 2231 it's on and JBA with tango? Must have come up late. M-F only.

7780, at 2330 March 12, confirmed in French, RAE. M-F only.

9395, UT Tue March 13 at 0118, RAE English has indeed shifted back to 0100 start instead of 0200 during standard time, but now it's got a new //, 9455! Discussion of a bandone n player.

9395, March 13 after 1900 and 2000, RAE German and Italian are still AWOL, Oldies instead. Wonder for how many weeks this time?

9455, March 14 at 0131 check, RAE English interviewing an Argentine expat in New York, same kind of show they were doing almost a year ago. Now 9455 is S9+10, much stronger than // 9355, the original and still only publicized frequency. (But the other WRMI on 9 MHz is now S9+20 on 9955 with no jamming vs gospel huxter.)

9455 confirmed still // 9955 for RAE Portuguese an hour earlier than before, March 14 at 1100, both very good today. So in most of Brasil, this broadcast was at 10 am local until a month ago, then 9 am when Brasil went off DST, now 8 am since FL goes on DST, as if that should have any impact in the target. (FL is considering legislation to stay on DST of UT-4 yearound, which should simplify things for WRMI!)

I expect RAE itself will be slow to catch up, if ever, with accurate real time and frequency changes for all these (Glenn Hauser, OK, WORLD OF RADIO 1921, DX LISTENING DIGEST)

** AUSTRALIA. 5055, March 8 at 1252, JBA carrier from presumed 4KZ, but nothing on 5045, OzyRadio. As of March 5, Ron Howard was reporting that Craig Allen said 5045 was off pending change to 4835 --- despite Sikkim --- neither one detected here March 8 after 1300 once WWCR quit 4840 (Glenn Hauser, OK, DX LISTENING DIGEST)

5055, 4KZ, heard on March 8 & 9; reception is now below threshold level audio, about 1130+; back in Dec/Jan was doing much better. Still not on full power?

5045, Ozy Radio, not heard March 8 & 9, nor was anyone on 4835, so AIR Gangtok is again silent, just as Glenn reported on the 8th (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

A quick check just past 0800 March 10 had 5055 with news. Also 5020 SIBC with news. Nothing on 5045 or 4835. 4840 [WWCR] is loud and would surely bother 4835 (Don, Lamont, AB, Moman, WOR iog via DXLD)

** AUSTRIA. Strong signal of Oesterreichischer Rundfunk-1, March 11
0600-0720 on 6155 MOS 300 kW / non-dir to WeEu German Mon-Fri
0600-0710 on 6155 MOS 300 kW / non-dir to WeEu German Sat/Sun
<http://swldxbulgaria.blogspot.bg/2018/03/strong-signal-of-oesterreichischer.html>
(DX RE MIX NEWS #1063 from Georgi Bancov and Ivo Ivanov, March 13, 2018, WOR iog via DXLD)

** AUSTRIA. Re: [WOR] HFCC A-18 schedules now online
I've just had a look at
<http://www.hfcc.org/data/a18>

Wonder how reliable the thing is? The first station I checked was ORF Austria. It says ORF broadcast on 6070 on Sundays between 0900 and 1000 UT. Wrong! ORF don't broadcast on 6070. There is indeed a transmission from Austria but it isn't ORF but Radio DARC, a station run by the German ham-radio club DARC. If the first entry checked is wrong, then I don't expect the others to be any better. 73, (RËmy Friess, Germany, WOR iog via DXLD)

I don't think it lists the program's transmitted but rather the coordinating agency and the transmitter site (-- Richard Langley, NB, ibid.)

DARC Radio is no registered broadcaster in the HFCC as they don't have

an own broadcast license. So you have to type something in the HFCC list; it could also be NEW, etc.

The HFCC List is not intended for listeners. It is a coordination basis for international broadcasters. It doesn't matter which radiostation is on air. The only things important are Time, Site, Targetarea, Power and Antennabeam (Christian Milling, *ibid.*)

Indeed, but the transmitter site belongs to ORS not ORF, so it shouldn't be mentioned as ORF. But it is listed as ORF under "Schedules by broadcasters", yet ORF have nothing to do with it. Probably those who compiled the list didn't realize that ORF and ORS are now separate entities.

Radio DARC pay ORS an estimated 200 euros a week to get air-time on the transmitter. I don't know if that gives them the right to be listed as a separate broadcaster, but they are certainly entitled not to be confused with ORF. Also people might send reception reports to ORF instead of Radio DARC and not get the QSL they want. Regards, (R my Friess, *ibid.*) See also PUBLICATIONS

Reception of Radio DARC via ORF [sic] Moosbrunn on March 11:
1000-1100 on 6070 MOS 100 kW / non-dir to CeEu German Sun, very good
http://swldxbulgaria.blogspot.bg/2018/03/reception-of-radio-darc-via-orf_11.html
(Ivo Ivanov, SWLDXBulgaria News, March 10-11, WOR iog via DXLD)

** AZORES [and non]. Frequencies used by Santa Maria, Azores air traffic control: 2962, 3016, 3491, 5598, 6535 (Dakar, Senegal most common here), 6628, 6667, 8825, 8906, 11309 (NYR common here), 13306, 13354 & 17946 -- All in USB. (Snarfed from EiBi 3/2/18)(MARE Tipsheet March 9 via DXLD)

** BHUTAN [and non]. /CHINA. 6035, BBS & PBS Yunnan (Voice of Shangri-la). On March 11, with the normal Sunday programs for BBS, but with greatly extended broadcast (1338*); BBS not heard recently. Highlights:

1123-1130 BBS announcers in English; mixing with PBS Yunnan, in Chinese.

1131 Usual ID in English & Chinese; "S W liu(6) ling(0) san(3) wu(5). Yunnan Radio and Television International, the Voice Shangri-la."

1130-1200 BBS playing pop songs in English; DJ in English; mixing with PBS Yunnan in Chinese.

1201 PBS Yunnan started the usual loop of non-stop EZL instrumental music, till cut off at 1213*.

1200 BBS announcer in vernacular; briefly played indigenous instrumental music at 1216 & 1218; in the clear after 1213.

1230-1255 The normal Sunday children's call-in show (cute!), with kids briefly chatting and then singing solo (no musical accompaniment).

1255-1300 Indigenous music/chanting/singing.

1300+ Announcer in vernacular.

1330 till suddenly off at 1338* - Call-in show for adults, with them briefly chatting and then singing solo (no musical accompaniment).

Poor reception, with moderate to heavy adjacent QRM. Very nice to catch this unusually long broadcast. Audio of solo singing at <http://goo.gl/vvGGtZ>

(Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via WORLD OF RADIO 1921, DXLD)

** BIAFRA [non]. WRM 9955 webcast, UT Monday March 12 at 0410, as I expected, the zombie file of R. Biafra is still running but not on any SW frequency, from 0400, ex 0500-, shifted one UT hour earlier like everything which really is on 9955. Same old shtick, after hilife music, YL host with inaccurate schedule, all the more so now, as the Nigerian/Biafrans must listen to this at 5 am local instead of 6 am. And ``stand by for important announcement``. May be on every night, but am in habit of checking it after WOR broadcast (Glenn Hauser, OK, DX LISTENING DIGEST)

** BOLIVIA. 3310, 0125, R Mosoj Chaski, Bolivia ñ OM talk with YL comment in vernacular, mentions Bolivia, Andean music link, TC (in Spanish) at 0130. SIO 333 23/02 (Arthur Miller, Llandrindod Wells, Powys, Wales, UKOGBANI, JRC NRD 525, NRD 545, G5RV 40m long wire, March BDXC-UK Communication via DXLD)

Arthur Miller was intrigued by a transmission on 3310 kHz, which sounded if it was trying to interfere with Bolivian Radio Mosoj Chaski (who usually sign-off at 0100 UT, but recently have continued beyond that time). On three occasions Arthur heard a talk by a man in a language he didn't recognise, with apparent interruptions by a woman, superimposed on the Chaski transmission. Not a discussion, as both man and woman speak at the same time. And the man mentions Cochabamba and Santa Cruz in Bolivia, switching into Spanish for time-check at 0130 UT (ies la nueve y media de la tardeî, which does agree with the time in Bolivia). I wonder if Mosoj Chaski was relaying a programme and adding local announcements, Arthur? (ed., ibid.)

** BOLIVIA. 6134.72, March 9 at 0644, S4-S6 music. Don't see how it could be anything but R. Santa Cruz, which is normally closer to 6134.8, and EiBi shows off the air between 0208 and 0900; while R. Aparecida, Brasil, possibly 24 hours, is typically on the other side around 6135.2. Need to check early evening for RSC when it's easily heard and measured (Glenn Hauser, OK, WORLD OF RADIO 1921, DX LISTENING DIGEST) No, it's BRAZIL, q.v. just below

** BONAIRE [and non]. Checked 800 kHz at 0000 UT March 12 to see if I could hear the beginning of the three hour TWR Spanish block to Cuba. No luck at that time, although I was getting a decent signal from CKLW, obviously still on daytime pattern with its strong lobe to the SW.

However at a recheck at 0250 I was rewarded with a very nice signal from TWR well atop the co-channel pileup on 800. Good audio quality as well. Signal was pretty much the same as what I remember from the 500kw days decades ago. The good reception lasted until 0300 when abruptly there (presumably) was an antenna pattern change and power drop for the Caribbean beam. I could still hear TWR amongst the other co-channels but not really at a listenable level.

So the new TWR transmitter is now on the air and providing reception well beyond the Cuban target area. Houston is more or less in the path of the Cuba beam; my QTH is about 2,140 miles from Bonaire. No obvious sign of XEROK here, but there was one English language religious station heard after 0300 but I did not listen long enough for an ID.

AM DXers in Texas, Louisiana, Oklahoma, New Mexico, Colorado and points beyond should give TWR a try.

One thought did occur to me: How much does the cacophony of U.S. and Mexican stations on 800 bother TWR reception in Cuba? (Stephen Luce, Houston, Texas, WOR iog via DXLD)

** BOUGAINVILLE. 3325, NBC Bougainville, 1003-1120, March 13. Reception well above the norm; 1003-1015 "regional news" in Pidgin (voting results, etc.); 1020-1033 interview in English with Aussie OM, talking about "video" and "documentary"; good number of IDs ("NBC Bougainville, number one"); pop Pacific Islands music, as well as western pop (Tina Turner, etc.). Entertaining reception! (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, DX LISTENING DIGEST) see PNG

** BRAZIL. 46 - 4845 kHz 11 Mar. 2018, 1050, R·dio Ibitinga via R·dio Meteorologia Paulista passando m'sica gospel depois locutor na voz masculina. Com QRM da R·dio Cultura do Amazonas 32333

47 - 4845 kHz, 11 Mar. 2018, 1055, R·dio Cultura do Amazonas passando locutor na voz masculina, sinal muito fraco, 22112. Yaesu FRG 8800, Antena: Beverage simples (DXer: Daniel Wyllyans - Sítio Estrela do Araguaia - Nova Xavantina - Mato Grosso - Brasil, Caixa postal 118 CEP 78690 - 000, Hard-Core-DX mailing list via DXLD) From his entries in a monitoring contest. So both these are active clashing on 4845 (gh)

** BRAZIL. 4885+, March 9 at 0221, R. Clube do Par· ID immediately upon tune-in; just too easy. Slightly on hi side (Glenn Hauser, OK, DX LISTENING DIGEST)

Two Brazilians much weak of S=5-6 on nearby 4885.912 stronger, and co-channel 4885.009 kHz too - lower level, 0035 UT March 10. wb (Wolfgang B_schel, dxldyg via DX LISTENING DIGEST)

** BRAZIL [and non]. Checking further my previous log of very weak music on 6134.72, March 9 at 0644: is it Radio Santa Cruz, BOLIVIA as I thought more likely, or Radio Aparecida, Brasil?

March 10 at 0054 I have two very weak signals on slightly different frequencies: hard to measure them exactly as their beat tones against each other confuse pinning down carriers, but I finally conclude: approx. 6134.72 and 6134.77? Nothing above 6135.0 where Aparecida used to reside. Therefore it's likely that it has varied down to the other side. By *0100, RRI English on 310 degrees to us ACI from 6130.0 makes it worse.

I try again at 0200; RRI is still on same parameters in French for another hour, but has weakened. Still nothing on 6135+. Now I measure the slightly stronger one on 6134.82, and the JBA carrier on 6134.72. By 0221 recheck, only the lower one is left, refined to 6134.723. RSC normally signs off a bit after 0200, while Aparecida continues. I try to // 6134.723 to its other frequencies, 9630-, but too weak, JBA carrier, and nothing on 11855v.

One more try after 0629* March 10, when BBCWS 6135 is finished with French southwards from Woofferton, which had a slight het on the low side. That leaves 6134.724 as I measure it this time, S3-S6 of talk, undermodulated? And sounds like the same thing on 9630-, but not enough signal from both to make a firm match on two receivers.

Later I find two replies to my original report agreeing with my conclusion:

From Bryan Clark, NZ on the WOR iog: ``Glenn, Regarding your BOLIVIA. 6134.72 item on March 9 at 0644, S4-S6 music. This is definitely R·dio Aparecida Brazil which I measured at 6134.728 at 0545 UT 10 March,

parallel to 9629.935. The signal was initially fair but had improved to good by 0555. Best on LSB to avoid a weaker signal on 6135 which I did not identify [BBC Ascension]. -- Bryan Clark, Mangawhai - NZ``

And via HCDX, --Art Delibert, N. Bethesda, MD: ``Glenn ñ Definitely the Brazilian on 6134.72, heard here at 2255, parallel to 9629.93`` (Glenn Hauser, OK, WORLD OF RADIO 1921, DX LISTENING DIGEST)

But checked on March 13 morning on remotes in Alberta-CAN, Detroit-MI, NY/NJ, Bonaire, Domin. Rep., Paraguay, Argentina remote SDRs.

6134.816 ... fq not stable ... 6134.820 kHz Santa Cruz Bolivia at 0415 UT,

and at same time slot R Aparecida <http://www.a12.com/radio-am> [supposed to be audio for Aparecida, but ``no player resources found`` -- gh]

on 6134.994 wandered upwards to 6135.021 kHz at 0650 UT.

Latter controlled easily also via KiwiSDR in Argentina and Paraguay.

Ascension relay, BBC London in French came on air, on even 6135 kHz at 0428:20 UT interval signal continuously '3 tones' - not bumm-bumm-bumm from WWII. 73 wb (Wolfgang B,schel, dxldyg via WORLD OF RADIO 1921, DXLD)

** BRAZIL. Radio Aparecida announces a new line up of programmes from April, but is not very specific about it.

POR R;DIO APARECIDA EM NOTÍCIAS 01 MAR 2018 - 13H04 ATUALIZADA EM 02 MAR 2018 - 11H27

R·dio Aparecida ganha nova programaÁ,,o a partir de abril

Novos quadros, programas e muitas novidades na programaÁ,,o da nova R·dio Aparecida.

A partir de abril, os ouvintes da R·dio Aparecida v,,o perceber mudanÁas na programaÁ,,o da emissora. A nova R·dio Aparecida ter· uma programaÁ,,o especial, din,mica, com foco em informaÁ,,o, evangelizaÁ,,o, entretenimento e formaÁ,,o dos ouvintes.

A novidade vai surpreender quem acompanhar a programaÁ,,o ficando sempre atualizado com boletins de notícias, m'sica de qualidade e quadros com entrevistas voltadas para o cotidiano das pessoas, proporcionando muito mais interatividade.

O coordenador de programaÁ,,o da R·dio Aparecida, Marcelo Pacífico

ressalta que a renovação da programação quer atender as expectativas de todos os ouvintes da emissora.

Teremos uma renovação da nossa programação e queremos falar de questões de interesse para todo o Brasil. Esperamos e trabalhamos em uma nova programação para levar aos nossos ouvintes evangelização, muita informação, através da nossa equipe de jornalismo, entretenimento e formação, afirmou.

Um novo diferencial serão os conteúdos de programação com a participação de profissionais para falar sobre diversos assuntos que vão agregar ao dia a dia dos ouvintes. Queremos que nossos ouvintes continuem sempre se sentindo parte da nossa família, finalizou o coordenador de programação.

Em abril, fique atento às novidades e aguarde uma nova Rádio Aparecida.

<http://www.a12.com/radio/noticias/radio-aparecida-ganha-nova-programacao-a-partir-de-abril>

2 March 2018 (via Dr Hansjoerg Biener, Germany, DXLD)

** BRAZIL. 6940 kHz Rádio M-xima - Ouro Fino / Minas Gerais

Jonas Rádio M-xima: Daniel

Jonas Rádio M-xima: Tô fazendo escutas?

Jonas Rádio M-xima: Tenta ouvir a minha transmissão,

Jonas Rádio M-xima: 6940khz

Jonas Rádio M-xima: 15w Ouro Fino MG

Jonas Rádio M-xima: Est. em testes ainda, mais a programação vai ser só flashback de 1960 a 1999 com locução ao vivo

Jonas Rádio M-xima: Normalmente vai ao ar nos finais de semana

Eu preciso resolver a modulação, está um pouco baixa

Jonas Rádio M-xima: Então, espero que sim, e que a galera que fala na faixa não atrapalhe muito kkkk

Jonas Rádio M-xima: Já colocar em 8150 kHz mais o cristal deu defeito, sorte que mandei fazer esse em 6940 (Jonas Ferreira - Rádio M-xima - Ouro Fino / MG via Enciclopédia do Rádio)

6940 kHz Rádio M-xima Ouro Fino / MG 1317 UT tocando músicas SINPO

34223 Dia 10 de Março de 2018

<https://youtu.be/X1TZYWzPJY>

RX: Yaesu FRG 8800 Antena: Beverage simples (DXer: Daniel Wylllys - Sítio Estrela do Araguaia - Nova Xavantina - Mato Grosso - Brasil DX LISTENING DIGEST)

** BRAZIL. LISTA DE EMISSORAS PIRATAS DO BRASIL

Rádio M-xima 6940 kHz

Rádio Cidade Oldies 8645 kHz e 9290 kHz

R·dio GBA 6985 kHz
R·dio Casa 8000 kHz
R·dio Tury 6400 kHz
R·dio 7800 7800 kHz
R·dio "pantera" 7675 kHz
R·dio Fronteira 10290 kHz
R·dio Mundial 10250 kHz
(Jonas Ferreira via Grupo Radioescutas e Dexismo)

TambÈm tem a R·dio Transmiss„o Experimental em 9605 kHz
73 (via Daniel Wyllyans, March 11, Hard-Core-DX mailing list via WORLD
OF RADIO 1921, DXLD)

** BRAZIL. Radio Trans Mundial ZYE858 11735 full-data QSL received in
6 months for a 7 September 2017 reception from Bay of Islands NZ
KiwisDR at 2033 UT (Bruce Churchill, CA, March 11, WOR iog via DXLD)

** BRAZIL. BRASIL. 11780. Mar 8, 2018. 2200-2210, R·dio Nacional da
AmazÙnia, Brasilia-DF. RNA transmitindo o programa obrigatÙrio "A Voz
do Brasil": Locutor e locutora apresentam as manchetes do notici·rio
dos trÊs poderes da Rep'blica; 2204 InÍcio, em detalhes, da
programaÁ„o deste 8 de marÁo, com uma reportagem dedicada ao "Dia
Internacional da Mulher". Emissora com bom sinal e modulaÁ„o fraca,
45433 (DXer: JosÈ Ronaldo Xavier, Local da escuta: Cabedelo-PB, Brasil
(UTC-3), Receptores: Sony 7600GR & Tecsun S-2000, WOR iog via DXLD)

11780, R·dio Nacional da AmazÙnia, BrasÍlia, 1850-1901*, 10-03,
Portuguese, comments, Brazilian songs, ID iAqui no R·dio Nacional da
AmazÙnia, a las 1901 signal cut off abruptly. 24322 (Manuel MÈndez,
Lugo, Spain, Logs in Friol, Tecsun S-8800, cable antenna, 8 meters,
WOR iog via WORLD OF RADIO 1921, DXLD)

** BRAZIL. 11830, 1325 13 MAR - R;DIO DAQUI (BRAZIL). SINPO = 35212.
Portuguese, male announcer interviewing female, musical interlude at
1324z, fb [followed by, not fine-business --- gh] male announcer
continues. QSB=slow-to-moderate rate, modulation mostly mixing with
the noise floor with occasional peaks just above it and occasional
fades below it. sf68.9, a3, k2, geomag: quiet. 5kw, BeamAz 15 ,
bearing 135 . Sangean ATS505 with MFJ-1020C active antenna and MFJ-
901B tuner used to preselect ~75 feet of rain gutter running
north/south. Received in Plymouth, MN, United States, 8143KM from the
transmitter at Goinia, GO. Local time: 0825 (Rodney Johnson, WOR iog
via DXLD)

Daqui has not been reported for a few years on 11830. I found an Oct
2016 log on its other frequency 4915. WRTH 2018 has it as inactive.
Aoki/NDXC lists it on 11830 as if extant. Are you sure this was
Portuguese, rather than the sufficiently strong parasitic 11830 spur

of RHC 11840 in Spanish? (Glenn to Rodney, *ibid.*)

Hi Glenn, At first, I was wondering that myself as everyone seemed to be complaining about it, but I didn't hear RHC on 11840 that morning's band scan (and nothing 11850). I also thought that I had heard the announcer utter a word or two that is common in Portuguese but doesn't exist in Spanish, but the fading was pretty severe. I tried to repeat the log the next morning but RHC and parasites were strong everywhere (11840, 11830, 11850). 73s (--Rodney Johnson, <http://swldx.tumblr.com> *ibid.*) So worth further checking and at other hours without Cuba (gh)

** BULGARIA [and non]. > Hello friends, As I was typing last week's edition of this email, the lights in my house were flickering because of the high winds on 2 March. I knew I had to work fast: adding new names to the mailing list, then sending the email three times, each with a third of the mailing list, and finally uploading the Shortwave Radiogram audio to Bulgaria and to WRMI. All of that was finished just before the lights went out at 6:00 am. (Actually, I was on the UPS.) Power was not restored until about 7:00 pm.

But my internet connection was not restored at that time. The Verizon fiber optic lines were victims of falling trees a few blocks away. Internet did not return until Sunday at about 3:00 pm. Because of this, I was not able to send my usual Twitter reminders and retweets of listeners' images, at least for the Saturday 1600 UTC show.

And I was not able to attend the Winter SWL Fest because of poor conditions on I-95 up to Philadelphia. Sorry that I was not able to see some of you at that event (Kim Elliott, Shortwave Radiogram, March 9, via roger, WOR iog via DXLD)

MFSK image experiment

This weekend's Shortwave Radiogram will include an MFSK32 image transmitted at normal speed. It will then be transmitted at half speed, to be recorded then played back at double speed. Is the quality of the latter image better?

You can use Audacity to record and change the speed of the transmitted audio. (Effect > Change Speed > Percent Change: 100.0) Other audio editors are also available. Sometimes it is tricky to transfer audio from one application to another inside a PC. A virtual audio cable such as VB Cable might help (SW Radiogram via roger, WOR iog via DXLD)

This time, a kind of "re-sampling" was used, half speed at half pitch, and: half bandwidth. Perhaps in future experiments "transposing" would also be conceivable, that means:

also half speed, but original pitch (1500 Hz) and original bandwidth. Maybe also with Audacity feasible. Or was half the bandwidth a desired effect? Here the reception was so good that no benefits were to be seen.

But double transmission time also carries a certain danger in the case of a transmission of "complex structures". If there are dropouts and synch problems caused by them, then all the data behind them are also affected. This is like "solid archive formats". Better packing density but at the slightest file damage the risk of complete loss.

The simplest possibility for a maximum redundancy would be a simultaneous second MFSK-32 track with a "backward recording". Then one would have the whole show after 15 minutes, theoretically, and the data would have a maximum temporal diversity in the case of short-term transmitter failures.

I work with Adobe Audition as a wave editor. Here I process directly (narrow) IF-recordings, without going through an SDR program. This works only with AM, not with SSB or narrow FM.

http://www.rhci-online.net/radiogram/SW_Radiogram_2018-03-11.htm#SWRG
(roger, WOR iog via DXLD)

** CANADA. {re RCI:] Re. ``I guess Kai is objecting to the insertion of the Update, not so much to what it says.``

That's indeed the case.

In the meantime there have been comments also from other sides that the panic that went like "these bastards are going to destroy the CD's" is a bit exaggerated. I really don't think that RCI editors, the few ones still left, do themselves a favour with such pieces. But the style of this "update", with the big font and the ridiculous four lines with nothing but the full title of some CBC/Radio-Canada employee, is just horrible.

This sends a strong message. One that really nobody in this media organization could wish to send out. Thus it is unprofessional at best (Kai Ludwig, Germany, March 12, WOR iog via DXLD)

** CANADA. Blueprints, maps, and test equipment: RCI Sackville items for sale

Earlier this year, we posted a note by Marc Goldstein who is in the process of dismantling the Radio Canada International Sackville, New Brunswick, transmitter building.

Marc is tasked with selling some of the equipment that used to make this site hum. The First Nations group who now own the site are using the revenue from sales to help fund site cleanup and renovation. Mark recently passed along the following note:

We are trying to determine the value of the large quantity of 1940 era engineering blue prints of the station. I hoping your readers will be able to establish their worth.

While rummaging through an old file cabinet in maintenance building (RCI Sackville, New Brunswick), we located about a 100 or so more engineering blue prints (1938-1945), about a dozen black and white photos (RCI reporters interviewing what appears to be world celebrities), and annual engineering reports (1938-1980). Would any of these items be of interest to your readers?

Post readers: If you are interested in any of these items, Marc can be contacted via the following email address: pevna@hotmail.com. He is open to offers and happy to ship these items internationally (Via Thomas Witherspoon, SWLing Blog, March CIDX Messenger via DXLD)

** CHINA. 4870, March 8 at 1255, CW marker DE RIS9, vs. CODAR and fading, took a while to copy the ID, better at 1322. That would be Russia if the R- were ITU allocated, but several logs in UDXF iog say this is from the Chinese Army in Beijing, on this and several other frequencies. So much for RRI, abandoned 4870v (Glenn Hauser, OK, WORLD OF RADIO 1921, DX LISTENING DIGEST)

** CHINA. Re: DXLD 18-10: ``PERU. 4790, Radio Visi n   Chiclayo (Presumed), 1225, 3/3/18, in Spanish. Man talking through strong CODAR swishes. Very poor (Mark Taylor, Madison, Wisconsin, Perseus, Airsty HF+, SDRPlay RSP1; ICOM R75, Tecsun PL 880, and various other portables; 42 meters dipole, 100  long wire, W6LVP loop, NASWA Flashsheet March 4 via DXLD)

Maybe, but has been off the air, not reported since April 2015 according to DSWCI DBS (and on 4789.9). Not in WRTH 2018, and not even in current NDXC/Aoki. 1225 is also getting pretty late for anything from Per  on 60m. Are you positive of the language? Also used to be RRI Fak2, Indonesia, still in WRTH as ``irregular   but DBS 2016 said it was unheard since March 2013 (Glenn Hauser, DX LISTENING DIGEST)  

Hi Glenn, Suspect CNR1 (China) started their jamming early on March 3 and that is what Mark actually heard. Reported the following in 2017:

4790, CNR1, 1239, July 30. This program jamming already on the air, in anticipation of BBC Uzbek (Tajikistan) signing on at *1300; // CNR1 on 6125 (Ron Howard, oceanside at Pacific Grove, CA, Et n E1, antenna:

100' long wire, dxldyg via DX LISTENING DIGEST) Ron

** CHINA. 6035: See BHUTAN [WORLD OF RADIO 1921]

** CHINA. 6039.978 kHz, PBS Nei Menggu, Huhhot, at 1010 UT S=8 signal in Mongolian; on remote Perseus SDR unit in Seoul Korea, [selected SDR options, span 12.5 kHz RBW 15.3 Hertz](Wolfgang B.schel, df5sx, wwddxc BC-DX TopNews March 10, dxldyg via DX LISTENING DIGEST)

** CHINA. Good signal of CNR-1 jammer vs SOH Xi Wang Zhi Sheng March 12 from 1330, 7600 unknown kW / unknown EaAs Chinese vs Sound of Hope http://swldxbulgaria.blogspot.bg/2018/03/good-signal-of-cnr-1-jammer-vs-soh-xi_12.html
(Ivo Ivanov, SWLDBulgaria News, March 11-12, WOR iog via DXLD)

** CHINA. 7730, March 12 at 2333 during WRMI survey, a JBA carrier here and some modulation? much weaker than the weak WRMI 7780. Aoki shows another station may be on 7730 any of the 24 hours, Sound of Hope, 1 kW, so no doubt this is ChiCom CNR1 jamming. And WRMI does not come up on 7730 until 0000 (Glenn Hauser, OK, DX LISTENING DIGEST)

** CHINA. 9155, March 8 at 1443, surprisingly good S9+10 in Chinese, clear with no sign of a victim, unlike // 11660 pileup, i.e. CNR1 jammer. Aoki/NDXC shows 9155 is a *jammed, possibly 24-hour Sound of Hope, 1? kW channel from Taiwan. 9155 is much better than any non-jammer or jammer CNR1 frequency inband 31m (Glenn Hauser, OK, DX LISTENING DIGEST)

** CHINA. Good signal of CNR-1 jammer vs SOH Xi Wang Zhi Sheng on March 10-11:
from 2030 9255 unknown kW / unknown EaAs Chinese vs Sound of Hope SOH
from 0830 15800 unknown kW / unknown EaAs Chinese vs Sound of Hope SOH
<http://swldxbulgaria.blogspot.bg/2018/03/good-signal-of-cnr-1-jammer-vs-soh-xi.html>
(Ivo Ivanov, SWLDBulgaria News, March 10-11, WOR iog via DXLD)

** CUBA. 980, COCO, El Sapo, Ciudad de la Habana. 1159 March 4, 2018. Highly truncated anthem followed by female ID. Kinda odd anthem time, 7 a.m. local (Terry L. Krueger, Clearwater FL, DX LISTENING DIGEST)

** CUBA. 15140, March 7 at 1854, RHC OC at S9+10 already on, 1903 Arabic in progress, which was missing 24 hours earlier.

7320-7370, March 8 at 0024, the jamming pileups on 7355 & 7365 vs Marti are also producing pulse spikes beyond the ``needed`` range, QRMing e.g. 7325 Romania. Probably would be audible above 7370 if it weren't for the 7385 bigsig from WHRI. And, more of same in the 7425-7450 range from the 7435 jammers! The least the DentroCuban Jamming

Command could do would be to restrict its jamming to the real targets!
Fat chance.

11820, 11830, 11840, 11850, 11860, March 8 at 1337, RHC on all these, emanating from the S9+40 signal on central 11840. 11850 is S9+10, 11860 JBA; and I also have a JBA carrier on 11810 I wish I could match as a third-order spur. Something's always wrong at RHC.

15520, 15445, 15296, 15222 approx., March 8 at 1436, FM spurblobs out of RHC 15370-AM are only audible here, first on the top one when I can make out an RHC theme in FM. So these are 74-75 kHz spaced. Something's always wrong at RHC.

15370, March 8 at 2022, RHC open carrier but with dropouts, while 15140 English is OK. O, it's just warming up for the 2030-2200 French/Portuguese/Arabic sesquihour to Europe [sic] on 15370. Not the same transmitter with all the spurs at 14-16.

6000, March 9 at 0258, RHC English with JBM and suptorted music // 6165 which is same low level but not distorted. Something's always wrong at RHC.

15650, 15580, 15510, 15440, 15301, 15230, 15160, 15090, 15022, 14953, 14883, 14810 approx., March 9 at 1519, RHC-FM spurblobs out of 15370-AM transmitter are as bad as ever. Stronger closer ones cover 10 kHz in FM mode tuning. 15580 is not fully quieting. 15650, 15022 and below are traces, at least the F# tone. 15440 also demodulates in AM mode, while in FM it has ACI from 15435-AM Saudi. 15230 has CCI from the real RHC AM transmitter there. 15160 is good, but 15090 no good. Separation 69-70 kHz. Something's always wrong at RHC.

6100, March 10 at 0627, this RHC English frequency is off. At 0634, 6165 is also off; 6060 S9+10, undermod but sufficient, with usual ZY het; 6000 is better at S9+10/20; 5040 is best by far at S9+20/30 and with normal good modulation. Something's always wrong at RHC.

From March 11 or 12 with yanqui DST imposed on the Cuban masses, RHC may move its evening English strip forward one hour, like it was before DST went off in November, i.e. 0100-0700 instead of 0200-0800; so will the extra frequencies start again at 0500 instead of 0600; and will 5040 be added only for the 0500 or 0600 hour? Arnie Coro's DXers Unlimited for March 12 says nothing about these significant schedule changes, what to expect?

15510, 15440, 15300, 15230, 15160, 15091, approx., March 10 at 1427, RHC-FM spurblobs out of 15370-AM, which is S9+20 but undermodulated. 15440-FM only manages dead air except for persistent F# tone; 15230-FM clashes directly with 15230-AM RHC transmitter. Lower ones a lot

weaker, JBA. Something's always wrong at RHC.

13882, 13811, 13669, 13598 approx., March 10 at 2157, RHC-FM spurblobs with F# tones but no programodulation, as to be expected since source 13740-AM is just warming up, no mod yet. Outer ones are JBA, but inner ones plenty strong. Obviously same transmitter putting out ~70 kHz constellation of spurs from 15370 in 14-16 UT period (and which I once caught doing the same from 15140 around 20 UT). But first time I have heard these on 22 mb. 13740 span is 22-05 for Buenos Aires.

After undermodulated RHC theme, I monitor the sign-on frequency announcement at *2200 on 13740 itself. She says: 15370, 13740, 11760, 9535, 9640, 5040 plus the four Dentre-Cuban FM VHF channels, no mention of the four extra HF FMs I have just heard! Something's always wrong at RHC (Glenn Hauser, OK, WORLD OF RADIO 1921, DX LISTENING DIGEST)

6165, 6100, 6060, 5040, March 11 at 0711, all RHC English are off, so wasted no time in making DST shift, to end the repeats at 0700 instead of 0800.

And Esperanto is now an hour earlier, from 0700 UT Sunday on 6000 only, undermodulated at 0711 check. The official RHC B-17 schedule had it on 6100 at 0800 Sundays. The next airing is normally at 1500 during DST, instead of 1600 during ST, but 11760 goes off the air shortly before 1500 March 11! And still off at 1527. Third airing was scheduled Sunday 2330 on 15730, but no telling when and where that will wind up.

15370, March 11 at 1313, this RHC is already on, ex-*1400 during standard time, but so early is propagating only poorly, S5-S7, too weak to detect any spur panoply. I expect Arnie's Spanish DX program, 'En Contacto' to have shifted an hour earlier to 1335-1350, but do not retune until 1350 when 'En Compañía del Doctor', med advice program should have ensued, but instead there is preemptive coverage of sham elections today in Cuba for the Asamblea Nacional and local posts, apparently. 'En Contacto' was likely bumped off too. Lots of excited remotes from ``democratic`` polling places; trouble is, all the candidates have to be Commies! Sort of like Republicans in Red states, one-party rule. Today the 15370 signal never builds up, still weak at 1452, and still on at 1529. Anyhow, by next week, Sunday programming should be back to normal timings, everything Spanish shifted one real UT hour earlier.

RHC website frequency sked is useless,
<http://www.radiohc.cu/interesantes/frecuencias>
still not updated since the *A-16* season!! (Glenn Hauser, OK, WORLD OF RADIO 1921, DX LISTENING DIGEST)

Checking some RHC usage on the first day of Yanqui-co^ordinated DST making local time UT -4, March 11: Always messes up scheduling, affecting some transmissions, not others. And RHC will not publish any accurate schedules immediately, if ever:

15140, not checked yet whether first English hour of day has moved one hour earlier from 20-21, to 19-20 UT, as I am attending an Enid Symphony Orchestra concert, Beethoven & Mozart, from 19 to almost 21 UT March 11. Will be sure to check for this on March 12 (as below).
(Glenn Hauser, OK, DX LISTENING DIGEST)

Radio Habana Cuba starting one hour earlier from today Mar 11 from 2100 on 11760 BAU 100 kW / non-dir to NCAM Spanish, ex from 2200 // frecuencias: 5040 BAU, 9535 BEJ, 9640 BEJ, 13740 BAU and 15370 BAU <http://swldxbulgaria.blogspot.bg/2018/03/radio-habana-cuba-starting-one-hour.html> (Ivo Ivanov, SWLDBulgaria News, March 11-12, WOR iog via DXLD)

15730, at 2238 March 11 is in Esperanto, so moved one hour earlier to 2230 ex-2330, on Sundays only, but otherdays, whichlang?

9720, at 2234 March 11 is in Creole; all these are on in Spanish with buz^on: 5040, 15230, 11840 and parasites, 9640, 9535.

9720, at 2304 March 11 is in English with special coverage of the Commie ``elextions``, so the 00-01 broadcast has shifted one UT hour earlier to 23-24. What about the other frequency at 00 which was 5040? No, that one is now at 2305 in Spanish service with music // 9640, 9535, 11670, 11760, 11840 and parasites. But checking all other known frequencies, I find English also on 15230!! A frequency not used for English before, so maybe a mixup. But it's running 10 seconds behind 9720 or was it vice versa? 10 seconds apart, so separate playouts. Still matching during music at 2342. 11880 not on, but may be back with English for real A-18 season.

15730 is in Kriyol at 2305, Portuguese at 2340 March 11.

Not yet checked: Early English on 5040 which was at 00-01; if not at 23, when is it now, if ever?

Nor checked whether the 6165/6000 block start at 0100 instead of 0200. 6165, March 12 at 0342 is JJBM, and 6000 is JBM with music.

5040 at 0559 March 12 in jazz music // 6000 English frequency, along with 6060, dead air on 6100; but at 0600 sharp, 5040 goes to dead air and hum, presumably about to turn off while 6000 reopens English hour. 6165 has NHK time pips and Arabic via FRANCE, but there is very weak CCI, maybe RHC still on there too, until 0700?

15720, 15650, 15580, 15510, 15440, 15300, 15230, 15160, 15090, March 12 at 1339, RHC-FM spurblobs out of 15370 are detectable at these ~70 kHz intervals: 15720-trace, 15650-F# tone audible, 15580-poor, 15510 readable in FM mode, 15440 clear S9+10, 15300-good, 15230 has real RHC-AM othertransmitter atop, 15160-poor, 15090-trace.

15140, March 12 at 1859, RHC wrapping up Kriyol-la with some distortion, 1900 Spanish introducing English hour, so now confirmed one UT hour earlier but on same frequency (alternate 16180 with spy numbers mixup as once caught).

RHC survey on second, third and fourth days of DST; this will be rather convoluted, especially for anyone trying to restructure this to frequency order, but this is what I heard, starting Monday March 12. I have included the date with each item, seeming redundant here, but RHC and my gh credit will have to be added if rearranged:

15730 at 2231 March 12, dead air? Maybe algo, vs high noise level. Sunday March 11 at this time, it was Esperanto. 15730 by 2330 March 12 is audibly Portuguese but modulation is cutting out and distorted.

15230 at 2233 March 12 is Portuguese, while yesterday started the hour in English by mistake; 9720 at 2233 March 12 is Kriyol-la; 5040 at 2235 March 12 in Spanish.

5040 at 2300 March 12, frequency announcement is woefully incomplete: 11670, 11950, 6000, and stopping ``deja de transmitir`` 5040! -- NOT!! Still on in Spanish but should be English; maybe later, and for now // Spanish 11760, 11840 plus/minus parasites.

11950 // 6000 by 2302 March 12 are dead air, but 2303 JIP `Mesa Redonda`. In fact, 11950 // 6000 are not main RHC as the frequency announcement implied, but the separate `Mesa Redonda` TV soundtrack channels now one UT hour earlier. Both of them are off again during the 00-01 hour, at 0022 check March 13.

15230 at 2303 March 12 is dead air, still so at 2307, not English. 9720 is English by 2303 already. By 2330 March 12, 15230 is in Spanish // 11760 etc.

11670 is DA till 2304:20 March 12, then JIP main Spanish // 9535, 9640

5040, March 12 at 2333 is finally in English, // 9720 with some distortion on the upper

UT Tue March 13:

6060 VG at 0022 UT March 13, music in Spanish service, // 9535, 9640 distorted and CW mix?, 11670, 11760, 11840 and parasites, 15230. 5040 Kriyol-la.

9720 and 15730 are off by 0022 UT March 13.

6165 // 6000 at 0116 March 13, English with fair modulation. So confirmed back to *0100 start instead of *0200 during standard time.

5980, March 13 at 0617, multiple pulse jamming against no Radio Marti which is still not starting until *0700; Jamming Command must have suspected it would come up an hour earlier due to DST? But jamming was always ramping up somewhat before 0700 anyway.

6100 at 0617 March 13, RHC English is S9+20 but JBM; 6165 as strong but low modulation with CCI from Japan in Arabic via France; 6060 weaker, 6000 stronger.

15370, March 13 at 1415 is putting out only weak spurs with F# tone audible on 15508 and weaker 15439; not audible circa 15302 or 15234.

March 14:

6000 & 6165, UT March 14 at 0232 are S9+10 with JBM music; 6060 Spanish off, leaving a het

9553 & 9586 approx., March 14 at 1358-1400*, matching extremely distorted spurblobs, modulation pauses matching those on source 9570 CRI relay via CUBA, during filler Chinese lesson for English, plus/minus 16-17 kHz.

15302 approx., March 14 at 1405, only weak spurblob detected this time from 15370 (Glenn Hauser, OK, [summarized on WORLD OF RADIO 1921] DX LISTENING DIGEST)

** CUBA [non]. ESTADOS UNIDOS DA AMERICA. 13820. Mar 9, 2018. 1940-1950, Radio Marti, Greenville-NC, em Espanhol. Locutoras apresentam o horoscopo(*) para o dia de hoje, incluindo os n'meros da sorte, no programa "Espacio de los Signos", e atendem solicitações de ouvintes femininas. RM com sinal e modulação satisfatórios, 35443. (*) T, o comum aqui no Brasil, esta é a primeira vez que assisto a um programa de emissora internacional dedicado a este tema! (DXer: José Ronaldo Xavier, Local da escuta: Cabedelo-PB, Brasil (UTC-3), Receptor: Tecsun S-2000, WOR iog via DX LISTENING DIGEST) Horoscopic nonsense, what a public service OCB renders (gh, DXLD)

** DENMARK. 5840, World Music Radio, 1635-1720, 10-03, pop songs, Latin American songs, ID iWorld Music Radio...í. 15321. Also 0558-0620, 11-03, English pop songs, Brazilian songs, Latin American songs

in Spanish, ID iWorld Music Radio...î. 25432 (Manuel MÈndez, Lugo, Spain, Logs in Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

5840, World Music Radio, Randers, very nice eQSL cards received in 13 and 9 days for two reception reports sent to wmr@wmr.dk

"Frequency: 5840 kHz - 100W" Transmitter site: Randers, Denmark"

The email was sent by: Stig Hartvig Nielsen, World Music Radio ---
Thank you very much to him (Manuel MÈndez, Lugo, Spain, March 11, WOR iog via DXLD)

Reception of World Music Radio Denmark, March 13
from 0730 on 5840 001 kW Randers/Denmark, fair/good signal
<http://swldxbulgaria.blogspot.bg/2018/03/reception-of-world-music-radio-denmark.html>
(Ivo Ivanov, SWLDBulgaria News, March 12-13, WOR iog via DXLD)

** ECUADOR [non]. Russia / Austria ----- I received
a new card from the Voice of the Andes from Voronezh in response to
the report for February 10, 2018. Card on thick paper and as always
with a unique design. The station has 108 different types of QSL
cards. In addition to the card, two pocket calendars, a letter and
poems were sent. The card is here
<http://freerutube.info/2018/01/28/qs1-hcjb-golos-and-germaniya-voronezh-yanvar-2018-goda/>
(Dmitry Elagin, Saratov, Russia / "deneb-radio-dx", QSL World, RusDX
11 March via DXLD)

** EGYPT. Changes at the streaming portal of <http://egradio.eg>

The German external service of Radio Cairo has found a place in the
streaming portal at
<http://egradio.eg>
1900-2000 h UTC (in parallel to the short wave broadcast) on the
ÑSwahilii-stream (Latin characters) and the ÑFarsii-stream right next.
You need to activate the player right below the table. This
information was first spread by Ralf Urbanczyk after a note from the
German service of Radio Kairo. Beginning on 7 March, Michael Bethge
(WWDXC) now offers a daily recording of the streamed program at
<http://kairo.wwdxc.de>

The audio is a progress compared to the audio quality on short wave.
Listening to the different streams you will notice that the audio
problems start at the studios. Some years ago I established a schedule
of the foreign languages carried on the different streams by days of
monitoring. I shall not do it this time, but obviously the scheduling

has been changed in more than one way since. This, at least, is a result of monitoring the ÑSwahilii-channel. Monitoring the Ñculturei channel, I am still to find the German home service program if it still exists (Dr Hansjoerg Biener, 9 March 2018, DX LISTENING DIGEST)

Hello Fellow DX-ers and SWL-ers! I am on the East Coast of the USA. Can anyone give me some clue as to how to pick up Radio Cairo? I know the country has been in upheaval since the change in government; but I can't seem to find any reliable information on where and when I could catch Radio Cairo on shortwave. Thanks for your help! Posted by: ("B-T-M", March 11, dxldyg via DX LISTENING DIGEST)

I wonder where you have been looking? English only? Your best chance is the 2115-2245 UT broadcast toward Europe and us on 9900v. It's slightly off-frequency to low side, and the modulation is usually terrible but once in a while readable (Glenn Hauser, WOR iog via DXLD)

** EQUATORIAL GUINEA. 5005, Radio Nacional de Guinea Ecuatorial, Bata, 0512-0608, 11-03, non stop African songs, at 0600 news, Spanish. 15321 and for moments 25332 (Manuel M endez, Lugo, Spain, Logs in Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

** ETHIOPIA. Random reception of Deegaanka Soomaalida Itoobiya on March 12
from 1930 5940 JJG 100 kW / non-dir to EaAf Somali, good signal, BUT
from 1945 5940 JJG 100 kW / non-dir to EaAf NO SIGNAL/EMPTY CHANNEL:
<http://swldxbulgaria.blogspot.bg/2018/03/random-reception-of-deegaanka.html>
(Ivo Ivanov, SWLDXBulgaria News, March 12-13, WOR iog via DXLD)

** ETHIOPIA. Voice of Tigray Revolution (Dimtsi Woyane Tigray) -- Good signal on 5950 kHz using the U. Twente SDR receiver just before 0300 UT (10 March) with sign-on announcement followed by indigenous "country" music. AMSync frequency 5949.998 kHz but best in LSB to avoid a carrier on about 5952.5 kHz [Bolivia] initially but also splatter from Radio Japan in Japanese from Issoudun on 5960 kHz (also booming in here in NB with pleasant traditional Japanese music). 100 kW from Geja transmitter site near Addis Ababa according to WRTH (-- Richard Langley, WOR iog via DX LISTENING DIGEST)

** ETHIOPIA. 7236.29, March 8 at 1358, S5 carrier no doubt from variable R. Ethiopia, long-path (Glenn Hauser, OK, DX LISTENING DIGEST)

** ETHIOPIA [non]. Reception of BRB Radio Voice of Amara via MBR Issoudun, March 10
1700-1800 15360 ISS 250 kW / 120 deg EaAf Amharic Mon/Wed/Sat/Sun fair
Transmission are jammed by Ethiopia with white noise digital jamming
<http://swldxbulgaria.blogspot.bg/2018/03/reception-of-brb-radio-voice-of->

amara.html

(Ivo Ivanov, SWLDXBulgaria News, March 10-11, WOR iog via DXLD)

** ETHIOPIA [non]. GERMANY, Reception of Voice of Oromo Liberation via MBR Nauen, March 11

1700-1730 11810 NAU 100 kW / 144 deg EaAf Afar Oromo Wed/Fri/Sun, good Transmissions is jammed by Ethiopia with strong white noise digital jamming!

http://swldxbulgaria.blogspot.bg/2018/03/reception-of-voice-of-oromo-liberation_11.html

(Ivo Ivanov, SWLDXBulgaria News, March 10-11, WOR iog via DXLD)

** EUROPE. Radio Mi Amigo International has set up a new domain and website.

<http://www.radiomiamigo.international>

(Mike Barraclough, March 11, WOR iog via DXLD)

Thanks for that update, Mike. For Facebook users, R Mi Amigo also has a new Facebook page at

<https://www.facebook.com/Radio-Mi-Amigo-International-760916290770217/>

If searching in Facebook, select the page that has a Seagull logo (the old Facebook page currently cannot be accessed by the interim management team who are keeping the station going at present whilst Capt. Kord is seriously ill in hospital). I will update the Station Hitlist shortly at

<http://www.w4uvh.net/hitlist.htm>

I wish the interim management team all the very best in their endeavours with the new domain, website and facebook page, and of course special thoughts to Capt Kord and wish him well again very soon (Alan Roe, Teddington, UK, WOR iog via WORLD OF RADIO 1921, DX LISTENING DIGEST)

** FALKLAND ISLANDS [and non]. MALVINAS Y LOS RADIOAFICIONADOS

Resultat d'imatges de FINLAND STAMPS 20010S [caption]

LOS RADIOAFICIONADOS ARGENTINOS, HEROES ANONIMOS DE LA GESTA DE MALVINAS

por Carlos Almir n LU7DSY Corresponsal Militar Veterano de Malvinas

Desde 1975, de modo similar a lo ocurrido en la II Guerra mundial, la Fuerza A rea Argentina hab a adoptado el procedimiento de complementar la cobertura del sistema de detecci n electr nica, es decir la vigilancia por medio de radares, con redes de observaci n del aire, conocidas con la sigla (ROA).

En 1978, ante la inminencia de un conflicto armado con Chile por las islas Picton, Lennox y Nueva en el Canal de Beagle, se requiri  la colaboraci n voluntaria de los radioaficionados, llam ndolos a las filas del Comando de Operaciones A reas en base a las disposiciones relativas al servicio de la Defensa Civil.

Colegas con capacidad y experiencia como operadores de radio, con sus propios equipos de comunicaciones, fueron desplazados al sur del pa s para conformar los Puestos de Observadores del Aire (POA), que ten an por misi n vigilar el espacio a reo y alertar sobre la presencia de aviones o desplazamiento de tropas en el terreno. Las novedades deb an reportarse a los Centros de Filtraje (CF) del Centro de Informaci n y Control del cual depend an. Superada esta instancia, prosigui  utiliz ndose la ROA en distintas ejercitaciones de defensa a rea, increment ndose el n mero de voluntarios.

Abril de 1982: los radioaficionados convocados para la Gesta de Malvinas

Cuando el Conflicto del Atl ntico Sur por la recuperaci n de las Islas Malvinas, el Comando de Defensa A rea manten a activado el mecanismo de convocatoria de radioaficionados. Por ese motivo, cuando le fue solicitado por el Sector de Defensa Malvinas, en pocos d as moviliz  y traslad  a las islas a 19 radioaficionados pertenecientes al Radio Club C rdoba.

Estos fueron convocados como civiles el d a 15 de abril en virtud de los decretos del Poder Ejecutivo Nacional, sujetos a leyes y reglamentos aeron uticos militares, al no pertenecer ninguno de ellos a los cuadros de la reserva ni poseer jerarqu a militar. Al d a siguiente este grupo de voluntarios que no vacil  un solo instante y dio probadas muestras de patriotismo, sacrificio, valor y desinter s, qued  concentrado realizando pr cticas de supervivencia y comunicaciones, aguardando el momento de partir.

Salieron del aeropuerto de Pajas Blancas de la capital cordobesa por v a a rea rumbo a Comodoro Rivadavia el d a 19 de abril antes del mediod a. Eran los  nicos ocupantes del avi n que llevaba sus bodegas repletas de municiones. A muchos de ellos fueron sus familiares a despedirlos. Varios eran casados y con hijos peque os, y sus edades iban de los 30 a los 55 a os de edad.

Como no les entregaron uniforme de combate, cada uno llev  la ropa de abrigo que dispon a. Tambi n sus propias frazadas, velas, linternas, prism ticos, platos, jarros, cubiertos, se villanas, botiquines y por supuesto sus handys. No falt  el visionario que sugiri  comprar unas cuantas petacas de cognac iTres Plumas , que fueron disimuladas en los bolsos.

Por la tarde, llovía cuando descendieron en Comodoro Rivadavia. Tras las presentaciones fueron llevados a dependencias de la IX Brigada Aérea, donde se agregó al grupo Norberto Poletti, radioaficionado de Haedo, Buenos Aires, con licencia LU5DLE, quien unos días antes también había sido llamado por la Fuerza Aérea y enviado a Comodoro Rivadavia para cubrir tareas de escucha en el espectro radioeléctrico, al tenerse ya conocimiento que la flota británica se desplazaba hacia Malvinas.

Al anochecer tras una recorrida por el centro comodorense, cenaron todos juntos en un local cercano a la Terminal de Ómnibus, y tras pasar la noche en la Brigada, al día siguiente, 20 de abril, fueron embarcados en la gigante bodega de un Hércules, uniendo el continente con Puerto Argentino en dos horas.

En el aeródromo fueron recibidos por el Brigadier Luis Guillermo Castellano, comandante del componente aéreo Malvinas, en momentos que iluminaban tenuemente los rayos del sol sobre la capital isleña. Se alojaron en el hangar del propio aeródromo, un enorme galpón que también daba albergue a los integrantes del Grupo de Operaciones Especiales (GOE) de la Fuerza Aérea, y donde a su vez se ensamblaban los helicópteros Bell 212, traídos desde el continente parcialmente desarmados en los aviones Hércules.

20 de Abril: fundación del Radio Club Islas Malvinas LU1XZ

Es en ese lugar, a las pocas horas de pisar Malvinas, y mientras aguardaban los destinos para cumplir la misión asignada, el mismo 20 de abril de 1982, decidieron en una reunión fundar el Radio Club Islas Malvinas, contando con la presencia de Lucio Eduardo Mansini LU3EM, quien como Jefe de la Sección Principal de la Secretaría de Comunicaciones (SECOM), junto a otros funcionarios de la Empresa Nacional de Correos y Telecomunicaciones (ENCOTEL) había sido enviado a Malvinas a cumplir labores específicas y se hizo presente en dicho lugar.

Fue el propio Mansini quien en una decisión sumaria antes de la firma del acta constitutiva del flamante radio club, le otorgó la señal distintiva LU1XZ. Se agregaron como miembros fundadores algunos oficiales y suboficiales de la Fuerza Aérea, todos radioaficionados con licencia.

Rumbo a los montes de la Isla Soledad

La vida de la flamante entidad fue efímera, ya que tras unas pocas horas de permanencia en el hangar, entre los días 21 y 22 fueron distribuidos los radioaficionados en los montes de la Isla Soledad.

Así quedaron cubiertas las alturas de Monte Low, Eagle Hill, Monte Brisbane, Monte Indian, Bombilla Hill, Monte Kent, Uantioja Corner, Salvador Hill y Monte Harriet, distantes entre sí entre 20 y 30 km y alejados entre 80 y 100 kilómetros de Puerto Argentino.

El compromiso era permanecer en los sitios designados por una semana, en que se producirían los relevos para regresar de inmediato al continente. El traslado a las alturas de los montes se hizo en los helicópteros Bell que operaban desde el hipódromo donde se había montado el helipuerto, único medio posible para poder llegar a esos lugares donde debían realizar las tareas.

Con una pequeña carpa de alta montaña, bolsas de dormir y provisiones de campaña, se formaron equipos de dos radioaficionados y un soldado clase 63 de la Compañía de Seguridad de la I Brigada Aérea para la defensa de cada puesto. La misión no solo era la observación aérea, sino también brindar detalles sobre posibles movimientos navales y terrestres. La experiencia y el entrenamiento les permitieron estar en el aire enseguida.

Todo lo que llevaban eran handys IC2AT de ICOM para operar en VHF y por cada puesto una base y una antena ringo que fue clavada en el suelo con unos metros de coaxil disimulado entre las piedras. De noche en la carpa se alumbraban con una lamparita conectada a la batería de 110 amperes que disponían como única fuente de energía.

Por estar a buena altura, no tuvieron problemas para establecer contacto permanente con el Centro de Información y Control, instalado en lo que había sido hasta el 2 de abril el Instituto Ionosférico de los Royal Mariners en Puerto Argentino. Allí la central de filtraje de la red estuvo a cargo del Suboficial Mayor Alfredo Ocampo LU1HXV, de quienes dependían los LU, siendo auxiliares el Suboficial Alvaro Portal LU3HFF y el Suboficial Manuel del Pino LU1HFA ya fallecido, todos como radioaficionados militares voluntarios y Carlos Biasotto LU5HGW, uno de los mayores del grupo, también fallecido hace tiempo.

La orden recibida fue muy concreta, cambios cortos e información precisa. Las situación meteorológica en esa época del año complicó desde el inicio el trabajo, lluvia, nevadas, muy bajas temperaturas con una permanente sensación térmica de 3 a 5 grados bajo cero, y vientos promedio de 70 kilómetros por hora, con ráfagas que llegaban a los 130 kilómetros.

La voladura de carpas y heridos o enfermos con neumonía antes del comienzo de las hostilidades, obligaron a levantar cuatro puestos, y los miembros del ROA que resultaron afectados debieron replegarse a la capital de las Islas Malvinas.

De cualquier forma, fueron unos pocos los que regresaron a Puerto Argentino, en tanto que la mayoría se vieron sorprendidos en los cerros el 1 de mayo, cuando dieron comienzo las hostilidades.

1 de Mayo: los radioaficionados como observadores aéreos en acción.

A la hora 04:40 desde el puesto 1 en Monte Low, donde estaban Carlos Lo Re LU1HR y Enrique Font LU4HY, informan del primer ataque aéreo al aeródromo. Dicen escuchar fuertes explosiones. Puede ser el ruido de un avión grande o varios chicos que se desplazaban con luces de posición. (Luego se confirmó que el ataque lo protagonizó un avión Vulcan).

A la hora 12:00 desde el puesto 2 en Eagle Hill donde se encontraban Abel Ramírez LU9HBJ y Roberto Parets LU1HGR y el puesto 3 en Monte Brisbane con la guardia de Sergio Ridelnik LU5HLI y Jorge N. gera LU8HJI. Dan cuenta que una escuadrilla de reactores evolucionaba sobre ellos realizando una especie de circuito y luego virando hacia el aeródromo. Dichas operaciones se realizaron en varias oportunidades. (A consecuencia de este ataque recibió impacto directo un hangar con combustibles y víveres que ocupaba la Armada)

A la hora 13:00 desde el puesto ocupado por Eduardo Maleh LU7HE0 y Julio Rotea LU3HBR, observan que entre 6 y 8 delfines grandes (buques) estaban cerca de la costa. Desde el puesto 1 se agrega la misma observación y comienza a distinguirse la silueta de fragatas misilísticas que navegaban en zig-zag. Con posterioridad tres se desprendieron del grupo y permanecieron muy juntas, como ancladas cerca del puerto. El resto desapareció de la visual.

Al mismo tiempo desde el puesto 1 informan estar viendo un helicóptero, sin acercarse al Monte Low. Poco después desde el mismo lugar anuncian que los tres buques iniciaron un bombardeo al unísono hacia el aeródromo. (Como saldo quedaron impactos visibles en ambas cabeceras sin dañar la pista, pero fueron alcanzadas aeronaves allí estacionadas, el hangar de mantenimiento y parcialmente destruida la torre de control de vuelos).

Avanza la guerra: los ingleses intensifican las acciones

A los Sea Harrier ingleses se los veía y escuchaba a toda hora, generando un tráfico constante de partes a la Central de Filtrado. Montaban guardia alternándose cada tres horas fuera de la carpa durante toda la noche, ante la sospecha que grupos de elite, con modernos medios visuales para desplazamientos nocturnos pudiesen llegar a sorprenderlos. Los helicópteros Bell siguieron operando, acercando víveres y agua a los puestos mientras que el contingente que

debía reemplazarlos, del ROA de Río Gallegos, debió desistir tras dos fallidos intentos por cruzar el Atlántico, ante el peligro que fuera alcanzado por algún misil el avión que los trasladaba.

Ante los constantes bombardeos y la falta de protección jurídica de los radioaficionados por ser civiles y no estar protegidos por la Convención de Ginebra, con el peligro que ello implicaba en caso de ser tomados prisioneros, a partir del 7 de mayo comenzaron a ser reemplazados por personal militar con la intención de mantener operativos los puestos, lo que ocurrió hasta el final.

De esta forma varios de los radioaficionados cordobeses y Poletti que fue el último en volver a Puerto Argentino, se reencontraron en la planta alta de la que había sido la lujosa residencia del Gobernador Rex Hunt, donde estaba funcionando el Centro de Información y Control.

Regreso parcial al continente

Ya había pasado medio mes desde el inicio de la guerra cuando llegó la orden de regreso al continente. En el viaje hacia el aeródromo en distintos vehículos, pasaron por última vez por el Centro de Filtraje para despedirse, recibiendo la bendición de parte del Padre Pacheco, capellán de Fuerza Aérea.

El panorama al llegar al aeródromo resultó desolador, con enormes cráteres en derredor, el edificio seriamente dañado y ocupado con camillas con heridos graves, que debieron ayudar a cargar sobre el piso del Hércules. El avión debió volar tan cerca del agua para no ser detectado por los radares de la flota que las olas mojaban su nariz.

El silencio solo se vio interrumpido por los quejidos de los heridos. La tensión y el temor de ser alcanzados por el fuego inglés, hizo que el cruce fuese interminable. Por suerte cuando ya era noche el Hércules aterrizó en Comodoro Rivadavia. Para el grupo llegó el momento del alivio, para la tripulación, volver a intentar otro cruce arriesgando la vida, como todos esos días mientras se pudo mantener el puente aéreo.

Zampieri y Rotea se negaron a regresar

En ese último viaje faltaron dos radioaficionados: Julio Rotea (LU3HBR) de Villa Carlos Paz ya fallecido y en cuyo recuerdo una plaza del lugar lleva su nombre y licencia de radioaficionado; y Terciano Zampieri (LU3HFU) hoy con 78 años, italiano nacionalizado argentino.

Cuando los fueron a evacuar, una tarde ya casi sin visibilidad, por radio desde el helicóptero un oficial les dio la orden de abandonar el puesto 7 cerca de Pradera del Ganso. Tenían 2 minutos para embarcar.

Rotea y Zampieri se negaron a cumplir la orden y en un gesto heroico y de arrojo decidieron permanecer en el lugar junto a los soldados.

Esta decisi n permiti  no s lo seguir detectando desplazamientos de reactores y palas enemigos, sino tambi n facilitar la evacuaci n del guardacostas de la Prefectura Naval atacado cerca de Fox Point. Reci n avanzado mayo fueron reemplazados por personal militar y evacuados a la Base Condor en Darwin, donde continuaron codo a codo junto a la tropa hasta el amargo d a de la rendici n, que consiguieron mimetizarse junto a los otros prisioneros, siendo condecorados al regreso con la medalla al Valor en Combate.

Varios siguen en la radioafici n

Ocho de estos radioaficionados, h roes civiles voluntarios de Malvinas siguen activos en nuestra apasionante actividad: El doctor Ricardo Consigli, abogado, por entonces LU5HDJ y hoy con licencia LU5HD, casi a diario en las bandas de 20 y 40 metros, Eduardo Maleh LU7HEO, jubilado bancario, quien sale todas las tardes en modos digitales, y Terciano Zampieri LU3HFU y Carlos Alberto Lo Re LU1HR, tambi n jubilados y activos en SSB en 40 metros. Tambi n siguen con presencia en la radioafici n, Roberto Parets LU1HGR, Jorge N gera LU8HJI y Sergio Ridelnik LU1HM (en el 82 LU5HLI), y Norberto Poletti LU5DLE desde Haedo, Buenos Aires.

Es importante recordar que en 1998 en un acto realizado en el Radio Club C rdoba, a todos los radioaficionados veteranos de Malvinas que no hab an alcanzado por ascenso la categor a Superior, les fue otorgada de oficio por disposici n del entonces titular de la C.N.C. Germ n Kammerath. Lamentablemente ya no est n entre nosotros el arquitecto Abel Ram rez LU9HBJ, Luis Monti LU1HLM, Ra l Bot n LU1HAZ, Carlos Biasotto LU5HGW, Juan Olivier LU4HFZ, Julio Rotea LU3HBR y Erio D az, quien falleci  el a o anterior en Cosqu n.

Los restantes heroes an nimos de Malvinas, que con el tiempo se alejaron de la radioafici n pero igualmente merecen el recuerdo y reconocimiento con sus licencias de entonces son Enrique Font LU4HY, Rafael Escuti LU9HCT, Enrique Guevara LU5HLA y Ram n Mansilla LU7HJU.

Los colegas nombrados ofrecieron todo por la patria, desde sus vidas a sus bienes afectivos y personales. No fueron preparados profesionalmente, pero la entrega fue absoluta sin medir riesgos ni pedir recompensas. Por esta raz n en enero de 1984 recibieron el Diploma de Reconocimiento al Servicio Distinguido en Tiempo de Guerra , otorgado por la Secretar a de Comunicaciones con las firmas de Lucio Mansini y el director del organismo en ese momento Ricardo Rom n.

Los radioaficionados, h eros an nimos en la Gesta de Malvinas

Estos radioaficionados no tuvieron en la prensa el espacio que bien se merecieron. La historia muy poco se ocup  de ellos, pese a su heroico y patri tico desempe o. Para muchos argentinos, 31 a os despu s, su actuaci n en la Gesta a n sigue siendo desconocida. No fueron los j venes soldados, s  fueron unos de los pocos argentinos civiles voluntarios en la zona de operaciones b licas, con sus cuerpos al alcance del fuego de la metralla enemiga.

Como radioaficionados debemos sentirnos orgullosos y con la obligaci n, a pesar que ya han pasado tres d cadas, de difundir esta proeza y procurar que nunca se olvide semejante entrega. Ser  el mejor ejemplo para esta generaci n de argentinos, que por suerte no le toc  vivir el horror de una guerra, pero lamentablemente con tan pocos modelos a imitar.

Tambi n para aquellos que por ignorancia, soberbia, envidia o inferioridad, han pretendido destruir parte de los ideales, de la grandeza, de la heroicidad de estos valientes hombres que dieron todo por su patria. Y no ser a justo que en este homenaje no se recuerde y reconozca tambi n a los cientos de radioaficionados argentinos, de todos los rincones del pa s, que en aquellos d as, convocados por la entonces Secretar a de Comunicaciones dejaron de lado todas sus obligaciones.

Estuvieron junto a la radio d a y noche en forma organizada, barriendo permanentemente las bandas en procura de alguna se al o mensaje de la fuerza de tareas colonialista en otra palpable demostraci n de la importancia de los radioaficionados en estas circunstancias, al servicio de la Defensa Nacional.

CORDIALES SALUDOS / GOOD LUCK / (via JUAN FRANCO CRESPO * STAMP JOURNALIST (AIPET) S LVIA 8 (MAS CLARIANA) E-43800 VALLS-TARRAGONA (ESPA A-SPAIN-ESPAGNE-SPANIEN), DXLD)

** GERMANY [non]. LOG: 7290 kHz Radio Rasant 0=4 (SAM - LSB) 19.00z-20.00z --- In SAM-USB Splatter von 7295 kHz CRI-engl., also besser auf der LSB-Seite bleiben....

Heute Informationen rund um ihre Schule.

// webstream 160 kbps/44kHz (?t ~2s)

List source: userlistAOKI.txt, file date 2018/03/08 14:53

kHz: 7290

UTC/PSN: 1900-2000

Days/PI: 56 (Fr-Sa)

Language: English

Station: IRRS

Country: ROU (Romania)
Transmitter: Saftica
Latitude: 44.7000
Longitude: 26.1000
Modulation:
Power (kW): 150
Target: ND (non directional)
Distance: 1296
Bearing: 121
Notes: IRRS b17
Details: 41 m from Romania (non directional)
QTH locator: KN34bq17xx

Eibi listet hier Sofia/Kostinbrod; HFCC: "Milano".....
(roger, March 9, WOR iog via DX LISTENING DIGEST) see reply: ROMANIA

** GREECE. Voice of Greece, 9420 kHz in Greek. E-QSL in pdf format in 30 minutes for an e-mail report to dgazidellis@ert.gr including also a short video clip of reception. E-QSL is number 1 in a new mini-series of 4 QSL card (Alan Roe, UK, March CIDX Messenger via DXLD)
Some classic Greek art, guy with an impressive headdress (gh, DXLD)

In-booming signal from VoG here in NB this afternoon on 9420 kHz at 2145 UT with pleasant Greek music. Nothing heard on 9935 kHz (--
Richard Langley 2157 UT March 7, WOR iog via DXLD)

9420, March 8 from 2030 or so, VOG the best music to be found on SW to lullaby my nap, but cuts off abruptly at 2126*, time to wake up, anyway. Then I check 9935 and find that still on but a bit weaker
(Glenn Hauser, OK, DX LISTENING DIGEST)

And again this afternoon from about 2110 UT when I tuned in. And // 9935 kHz today, albeit a bit weaker than 9420 kHz. We don't hear English too often on VoG these days but I heard two English IDs as "Voice of Greece" during otherwise Greek talk between pleasant Greek "folk" music selections, mostly featuring what I think is the Klarino, what the Greeks call the Greek clarinet, with accompanying singing.
(-- Richard Langley, NB, March 8, WOR iog via DX LISTENING DIGEST)

9935.009, V Of Greece to Central and South America, 285deg and Atlantic Ocean fleet target, S=8 in Detroit MI and Rochester NY remote SDRs. Noted 0020 UT on March 10. also \\ much stronger 9420.002 V of Greece Avlis broadcast centre, S=9+15dB fluttery but nice wideband 10.8 kHz audio modulation on music guitar singer part. wb (Wolfgang B,schel, dxldyg via DX LISTENING DIGEST)

** GUATEMALA. On March 14, Dr Madrid sends an important announcement. I copy what the jpg says:

RADIO VERDAD ONDA CORTA

Estamos haciendo las últimas pruebas con ``Radio Verdad Transmundial``, y necesitamos suspender las transmisiones de Radio Verdad Onda Corta en ciertos horarios, para ver la reacción de ambas señales. Radio Verdad Transmundial transmite via satélite, y se sintonizar siempre en 4055 kHz. Agradecemos sus oraciones

Calendario de Suspensions de Señal:

Miércoles 14 de marzo 2018: 1830-2000 UT
Jueves 15 de marzo: a las 0500 UT
Viernes 16 de marzo: comenzar transmisión a las 1100 UT
Sábado 17 de marzo: suspensión de 1850 a 2010 UT
Se apagar transmisor a las 05 UT
Domingo 18 de marzo: se encender transmisor a las 13 UT

Gracias por su comprensión

Dr. Edgar Amílcar Madrid
Director y Gerente General
Radio Verdad

gh's traduxion:

``We are making the final/latest tests of Radio Truth Worldwide, and need to suspend transmission of RV Shortwave at certain times, to see the reaction of both signals. RVWW transmits via satellite, and is always tuned on 4055. Thanks for your prayers.

Calendar of signal suspensions:

Wed 14 Mar 1830-2000 UT
Thu 15 Mar signal cut at 0500 UT [UT Friday]
Fri 16 Mar transmission begins at 1100
Sat 17 Mar suspension at 1850-2010; transmitter turned off at 0500 UT [UT Sun]
Sun 18 Mar transmitter turned on at 1300 UT

Thanks for your understanding``

The daytime suspensions make no difference abroad, but normal sign-off is a few minutes after 0600 UT, so if they go off at 0500, possibly this means that if anything is heard on 4055 at 0500-0600+, it's from somewhere else than Guatemala?

This miraculous system which he has never explained and says he himself does not fully understand, is supposed to give RV worldwide coverage, by multiple transmitters(?) all on 4055. He has also said in

the past that they can be received *without* a SW radio, day or night. Figure that out.

Or rather, I think he was saying RV could be heard on a SW radio, but no antenna necessary, as if the 4055 kHz signal were somehow pervading the ether at a local level, somewhere/everywhere. Or maybe radiating thru powerlines? 'Satellite' DTH? (Glenn Hauser, DX LISTENING DIGEST)

** HAWAII [and non]. Adventures in DXing - N2KZ

Paradise --- Imagine a resolute place where nearly every HF signal arrives from at least 2,500 miles away. Very few signals will reach you by ground wave. You won't hear the familiar daily mille of stations operating within 1,500 miles of your QTH clogging up the bands! Afternoon and early evening opportunities into Europe will be missing. Even trans-equatorial skip of providing those easy contacts into South America on the high bands of is squelched. In a nutshell, a QTH where the entire band from 3 to 30 MHz provides nothing but long-haul DX.

Heaven doesn't stop at 3 MHz. You won't recognize medium wave either. Draw a line about 250 miles long. Only 30 broadcast AM stations are scattered along that line and nowhere else... surrounded by an ocean of water that extends forever all around you. Water certainly helps carry these signals a long way on medium wave!

A good radio can hear all 30 stations along this line in the daytime from one end to the other. Beyond this there is complete radio silence. No stations are on the air north, south, east or west of you... at least until nightfall. By the way, while the sun is out, every station is on a clear channel. No need to worry about co-channel interference in heaven!

From dusk until dawn, more medium wave miracles appear. Way beyond the blue horizon, there are thousands and thousands of AM radio stations broadcasting from the real world, longing to be heard. You'll need a very sensitive radio and a good antenna, but they are out there! Again, the closest ones are about 2,500 miles away. Across the endless miles between lies a vast ocean of water to aid this long journey.

Find yourself a good spot along the shore and tune in to medium wave in the middle of the night. You will be amazed with all you hear! Karl, does a place like this really exist?

Reality

All I describe is not culled from a DXer's best dream. This place really, really does exist. I know. I have been there! Heaven is easy

to find if you know where to look. One of the most isolated locations in the entire world, it is America's 50th state. Welcome to Hawaii!

[much more, illustrated:]

<http://home.lanline.com/~pcara/docs/pcud0218.pdf>

(Karl Zuk, DX LISTENING DIGEST)

** ICELAND. RUV, 189 kHz, very friendly full data verie letter and apology for the late response in 434 days from v/s Sigr'n HermannsÚttir, International Relations for CD recording & US\$ (Mick Delmage, AB, March CIDX Messenger via DXLD) Believe that should be HermannsdÚttir, as in -daughter, equality like a -son (gh)

** INDIA. Today 7555.698 kHz measured at 1303 UT March 7, in SDR unit at Delhi India. 7555.690 on March 6. \\ even 9575 kHz probably Bangalore site. And from Goa Panaji site on 11619.966 S=9+30dB at 1329 UT. 9575 and 11620v are China mainland jammed. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B,schel, df5sx, wwdxc BC-DX TopNews March 7, WOR iog via DX LISTENING DIGEST)

7555.69, AIR via Delhi-Kingsway, 1212, March 9. Already on with carrier; 1213 AIR IS (normal audio); 1215 start of distorted audio; unreadable; at 1255 heard with much better audio. Their recently varying frequencies seem to have settled onto this frequency, at least for the time being (Ron Howard, Asilomar State Beach, CA, EtÚn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

** INDIA. Very odd frequency of All India Radio, March 12: 0700-0800 on 11730.6 DEL 100 kW / 102 deg to CeAs Nepali <http://swldxbulgaria.blogspot.bg/2018/03/very-odd-frequency-of-all-india-radio.html> (Ivo Ivanov, SWLDXBulgaria News, March 11-12, WOR iog via DXLD)

** INDIA. ÔNDIA. 13640. Mar 7, 2018. 1920-1948, All India Radio, Bangalore, em ;rabe. Uma longa m'sica ·rabe, por um cantor, com duraÁ,,o atÊ ¤s 1934 (IncrÌveis 14 minutos!); 1935 Cantora interpreta uma m'sica ·rabe; 1940 Locutora fala, ID, frequÍncias e horas em GMT; 1945 IS. EstaÁ,,o com sinal e modulaÁ,,o bons, 45444. Nota: ¤s 1947 inicia-se um programa em lÍngua francesa.

13640. Mar 7, 2018. 1947-2000, All India Radio, Bangalore, em FrancÍs. IS e locutora fala: ID, un programme en langue franÁaise; Uma breve canÁ,,o indiana; 1950 Locutora apresenta as notÍcias em francÍs lento; 2000 ID e m'sica indiana tradicional - neste caso, uma cantora interpreta um mantra atÊ ¤s 2010; Locutora fala, ID. "tima difus,,o da AIR no dia de hoje, 45544 (DXer: JosÈ Ronaldo Xavier, Local da escuta: Cabedelo-PB, Brasil (UTC-3), Receptores: Sony 7600GR & Tecsun S-2000, WOR iog via DXLD)

**** INDIA. TAMIL NADU STATE PLANS SHORTWAVE RADIO BROADCASTS TO WARN FISHERMEN --- The Hindu Chennai By Special Correspondent March 1 2018**

After facing criticism for its failure to warn fishermen at sea during Cyclone Ockhi, the State government plans to use shortwave radio broadcasts to provide vital information.

The Tamil Nadu State Disaster Management Authority (TNSDMA) will soon hold a meeting with the Regional Meteorological Centre and All India Radio to discuss the possibility of starting a dedicated radio station to disseminate weather forecasts to fishermen at deep sea. Shortwave radio, which has a frequency band extending up to 30 Mhz, can be used for long-distance communication, officials said.

Admitting that there were technological gaps in ensuring connectivity with deep sea fishermen, Rajendra Ratnoo, Commissioner, TNSDMA, said viable solutions were being discussed to bridge the communication gaps within a year. He was speaking at a seminar on Monsoons 2017, organised by Indian Meteorological Society, Chennai chapter, at the Regional Meteorological Centre here on Wednesday.

Full report here:

<http://www.thehindu.com/news/national/tamil-nadu/state-plans-shortwave-radio-broadcasts-to-warn-fishermen/article22883629.ece>

(via Mike Terry, WOR iog via DXLD) Also in DXLD 18-10

**** IRAN [and non]. BBC STAFF TO TESTIFY AT UN ON IRAN TARGETING PERSIAN SERVICE --- By JON GAMBRELL Associated Press**

http://hosted.ap.org/dynamic/stories/M/ML_IRAN_BBC?SITE=AP

DUBAI, United Arab Emirates (AP) -- The BBC said Monday its journalists will appeal for the first time directly to the United Nations over what the British broadcaster describes as the "persecution and harassment" by Iran of those affiliated with its Persian service.

The decision by the broadcaster comes after an Iranian court last year froze the assets of more than 150 people associated with its Persian service.

While long targeted by authorities in the Islamic Republic, the BBC said its decision came after harassment by authorities had worsened recently as their complaints had been "completely ignored."

"We are not the only media organization to have been harassed or forced to compromise when dealing with Iran," BBC director-general Tony Hall said in a statement. "In truth, this story is much wider: it

is a story about fundamental human rights."

Iranian state media did not immediately report on the BBC's decision. Iran's U.N. mission in New York did not immediately respond to a request for comment.

The BBC first disclosed the asset freezes in August, saying it came from a court at Tehran's notorious Evin prison, which holds dual nationals and political detainees, among other prisoners.

The court order stopped those named from selling, buying or inheriting property and assets in the country, according to the BBC.

Other harassment by Iran has seen family members of BBC staffers arbitrarily detained, subject to travel bans or watched by intelligence service operatives, the broadcaster said. It also said women journalists at the service were targeted by "fake and defamatory news" by the Iranian government.

In October, the BBC filed a complaint to the U.N. This week, the broadcaster said its journalists would speak before the U.N. Human Rights Council in Geneva and take part in other activities.

The BBC's Farsi-language service was barred from operating in Iran after the country's disputed 2009 presidential election. Many Iranians still listen to its radio shows and watch its satellite television broadcasts. The BBC says the service reaches some 18 million people weekly.

British Foreign Secretary Boris Johnson has raised the BBC's concerns with Iranian officials.

However, there's a long enmity between Britain and Iran that traces back to 1953, when the CIA joined British spies in fomenting a coup against the elected government of Iranian Prime Minister Mohammed Mosaddegh (via Mike Cooper WORLD OF RADIO 1921, DXLD) see also UK for BBC's own version of this

** ITALY [non]. 5985, UT Mar 9 at 0257 beeps, i.e. IBC Radio as now sked via WRMI-2, 222 degrees, at 0230 UT Friday, concluding as always with something digital; first noted as strange tones around 5980 as I tuned up from 5975. No closing or anything phonic before switching to Zanoliti ID at 0259.5 and Taiwan in Spanish from 0300 (Glenn Hauser, OK, DX LISTENING DIGEST)

** ITALY [non]. Hi All, The Italian Broadcasting Corporation just came up on 5845 kHz at 1900 UT, I assume until 2030 again, and probably with English and datamodes in the final half hour. A very good signal

here in north west England, just a little QSB (Alan Gale, March 7, WOR iog via DXLD) ARMENIA site?

Bouncing off the stops here, no idea what they are on about good solid signal though. (Sent By Carl K Flatman From North Bedfordshire UK :) 1908 UT March 7, ibid.)

Datamodes heard at 2026 with fair signal here in SE Massachusetts (Stephen C Wood, Harwich, Mass., Perseus SDR, 20 x 40 terminated superloop antenna, WOR iog via DXLD)

** JAPAN. RADIO AUM SHINRIKYO'S FOUNDER "HEADED FOR THE GALLOWS"
Cult founder, Chizuo Matsumoto (better known as "Shoko Asahara") and who established the SW programs for Radio Aum Shinrikyo, is closer to being executed. Recent [Japan Times] news story:
<http://goo.gl/Yt6S5c>

My 1992 Radio Aum Shinrikyo QSL card:
<http://goo.gl/EBfec7> and <http://goo.gl/DEUz6U>
(Ron Howard, March 12, WOR iog via WORLD OF RADIO 1921, DX LISTENING DIGEST)

** JAPAN. Radio Japan --- One of the joys of random shortwave listening is that you never know what fascinating programme that you might stumble across. And so it happens that on Wednesday 21 February I find myself listening to a programme about toilets on Radio Japan's Meet The People (1930 UT on 9485 kHz via Vatican). It is an interview with Yu Yamakami and was a fascinating programme.

From the Radio Japan Website:

About one in three people in the world, mainly in poverty-stricken countries, have no access to toilets or restrooms. Children in such areas live in unsanitary conditions and often die from infections. This program introduces Yu Yamakami, who has been working to bring toilets to Africa. The system she is promoting requires no water or electricity and changes human waste into fertilizer. We followed her 4 years of efforts in Kenya and find out what motivates her to pursue this innovative undertaking.

In the opening minutes of the programme we learn that about 32 million people in Kenya still live without proper sanitation. People living in slums especially do not have toilets at home. They typically keep their waste in bags and throw them out the window at night.

The programme continues with a brief description of why Yu Yamakami became interested in this area of work:

in childhood, the toilet became a frequent place for her because she was troubled by frequent urination. At University she chose toilets as her research theme [F] and after graduating she joined a company that made household equipment. [F] The developers really insist on making the finest possible toilets. [F]

[Her] career took a fresh turn after the great East Japan earthquake of 2011, where the earthquake destroyed the mains water and sewerage pipes, flush toilets became unusable [F] after that [she] started thinking about of the needs of people in developing countries who had no access to toilets.

I saw it as my mission to disseminate Japan's comfortable flush toilets around the world. When I realised that those toilets wouldn't help people in disaster zones or the developing world I was taken by complete surprise.

[She] asked to become involved when the company started its Project for Africa in 2013. [F] It was clear that toilets that didn't use water or electricity, but could produce fertilisers would be received very well. The company had already come up with a simple new toilet system for developing countries that converts human waste into safe fertilisers.

The programme continues with the problems that she encountered in Kenya and how the local people were engaged in the work and to come up with their own solutions to problems of collections, etc.

Above: A toilet system being demonstrated in Kenya by Yu Yamakami.
Photo courtesy NHK R Japan website.

It was an inspiring programme dealing with a real problem in Kenya (and other parts of the developing world). The Japanese company wasn't simply putting a system in place and walking away, but working with the local people so that they fully understood the system and could then teach others how to make it work.

Meet The People is aired on the first and third Wednesdays of the month. Radio Japan's Podcasts are only kept available for two weeks, and this episode will probably no longer be available online by the time you read this (LISTENING POST with Alan Roe, March BDXC-UK Communication via DXLD)

** KIRITIMATI. 846, March 8 at 0653, JBA carrier presumed R. Kiribati, Xmas Island. I gather it has been quite sporadic (Glenn Hauser, OK, DX LISTENING DIGEST)

Kiribati video - 846 kHz

From: Robert Newell

Date: Thu, 08 Mar 2018 22:24:11 PST

<https://youtu.be/j46tzNkdTmg>

Drake R8 (Colin Newell - Victoria - B.C. CANADA - MW-DX iog via DXLD)

Also audio. 49 seconds including his talkovers at 0614 UT March 9 (gh, DXLD)

** KOREA NORTH [and non]. 5918-5919 approx., VoF 1411-1500+ 5, 6, 7 March. No jamming, but well below nominal 5920, causing a loud het with VOIRI's Hindi program (1420-1520). [see also KOREA SOUTH below]

5935, Shiokaze/Seabreeze, 1356+ 8 March. Ex-6085 (since ?) amd in English for Thursday with NK pulse jammer 'way in the background (Dan Sheedy, Encinitas, CA PL380/6m X wire, DX LISTENING DIGEST)

** KOREA SOUTH. Thanks again to Amano-san for his very helpful translation of my most recent VOF audio clip. His understanding of Korean is excellent and I am most fortunate that he takes the time to decipher my audio recordings. Ron, California

- - - <http://radio.chobi.net/DX/bbs/?res:3100#3108> :

"Hello! Ron-san and Hiroyuki. Thank you for frequency change information of VOF. I heard the following Ron-san's audio.

> <http://goo.gl/axpjch>

This is the beginning part of nighttime broadcasting in Korea time. The last part of the Korean National Anthem, the start announcement, the FM frequency announcement, the broadcast schedule, and VOF SJ [station jingle - Ron] are clearly recorded. The SW frequency is not announced.

VOF FM frequency

101.7 (peak-il chong chil)

103.1 (peak-sam chong il)

107.3 (peak-chil chong sam) MHz

VOF broadcast schedule

Yagan Bangsong 0100-0500KST (1600-2000UTC)

Ojeon Bangsong 0600-1100KST (2100-0200UTC)

Ohu Bangsong 1200-1700KST (0300-0800UTC)

Jeonyeog bangsong 1800-0000KST (0900-1500UTC)

Yagan = Nighttime

Ojeon = Morning

Ohu = Afternoon

Jeonyeog = Evening

After 1600 pips, the program "Bodo gwangjang" ("News plaza") starts.
After frequency change [ex: 6045 kHz. - Ron], I also received the VOF.

----- Amano's log:

KOREA SOUTH. 5920, Voice of Freedom, 1900-2006*, on March 6. The frequency is shifted slightly downward. I don't know if it changed to different transmitter. North Korean pip jamming was heard until 1900, but then I could not hear it. 1939-, 1988 Seoul Olympic theme song "Hand In Hand" played in "Haengboghan Daehanmingug" program. Including the program ending, my 02:30 audio at <http://radio.chobi.net/DX/bbs/img/3108.mp3>

00:00-01:35 1938'55"-1940'30"

01:30-02:30 1946'37"-1947'07"

Amano, listening at my home in Saitama, Japan."

(Ron Howard, California, WOR iog via DXLD)

March 7 - Voice of Freedom continues their downward spiral. Thanks to input from Dave Valko, who measured VOF at 1053, on 5918.91v, and at 1103, as 5918.902v. My monitoring from 1117 to 1216 had them about 5918.91v, down to 5918.76v (Ron Howard, CA, ibid.)

5918.789, March 7 at 1413, S4-S6 in presumed Korean, music, varying slightly, Voice of Freedom, which Ron Howard has been reporting varying around this reactivated frequency, nominal 5920. This correlates with Ron's latest report, today (Glenn Hauser, OK, DX LISTENING DIGEST)

At 2108 noted on remote Perseus SDR in Seoul, odd frequency station with soft nice music singer in probably Korean language from Hwaesong. 5918.493 kHz, and broadband up to 2 x 4.6 kHz, either side. 10 minutes later on 5918.476 kHz. 73 wolfie df5sx (B,schel, March 7, WOR iog via DXLD)

5918.388 kHz measured on monitoring at 1630 UT on March 8, on remote Perseus SDR unit in Tokyo Japan, S=9+10dB signal strength. 73 (wolfie df5sx dxldyg via DXLD)

5918.395, March 8 at 1352, poor carrier from V. of Freedom has varied down to here from nominal 5920 (Glenn Hauser, OK, DX LISTENING DIGEST)

Fair signal of Voice of Freedom on new frequency, March 9

2100-0200 NF 5918.3 HWA 010 kW / 010 deg NEAs Korean, ex 6045/5920:

<http://swldxbulgaria.blogspot.bg/2018/03/fair-signal-of-voice-of-freedom-on-new.html>

(Ivo Ivanov, SWLDBulgaria News, March 9-10, WOR iog via DXLD)

Voice of Freedom. Thanks to Wolfie for his continued monitoring, which also corresponds to my daily checking of VOF:

5918.351 kHz measured on monitoring at 1111 UT on March 9, on remote Perseus SDR unit in Seoul Korea, S=9+10dB signal strength. Hwaseong.

5918.368 kHz measured on monitoring at 2111 UT on March 8, on remote Perseus SDR unit in Seoul Korea, S=9+10dB signal strength.

5918.388 kHz measured on monitoring at 1630 UT on March 8, on remote Perseus SDR unit in Tokyo Japan, S=9+10dB signal strength. 73 wolfie (df5sx), via dxldyg (Ron Howard, Asilomar State Beach, CA, March 9, dxldyg via DX LISTENING DIGEST)

Voice of Freedom. 5918.334 kHz measured on monitoring at 0011 UT on March 10, on remote Perseus SDR unit in Seoul Korea, S=9+15dB signal strength.

"Song of Joy" singer version noted at 0013 UT March 10. Nice pop music program, my taste of 25...30 years or more back era... 9.8 wideband audio modulation, great sound. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (df5sx, wwdxc BC-DX TopNews March 10, dxldyg via DXLD)

Voice of Freedom, due to their daily slow downward spiral in frequency, is now actively causing QRM for both China (CRI) and Myanmar (Myanmar Radio), both on 5915. If VOF continues their downward trend, the QRM will only get stronger. Here in California the VOF signal is daily strong, with good reception, even with the light N. Korean jamming that is also now present (Ron 1342 UT March 10, WOR iog via DXLD)

- - - - Wolfie posted to DXLDyg: QRM interference of nearby 5915 kHz CRI Huhhot Russian sce, S=9+20dB strength in Seoul, Rep. Korea. And 5925 kHz CNR5 Beijing tx site #491, S=9+25dB. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews March 10) (via Ron Howard, ibid.)

** KOREA SOUTH. 5918.214, March 10 at 1345, dialog in presumed Korean, S3-S5, as Voice of Freedom keeps drifting lower and lower. Wolfgang B,schel measured it on 5918.221 kHz monitoring at 1005 UT on March 10. Ron Howard is concerned that it's starting to QRM 5915 stations, Myanmar and China (Glenn Hauser, WOR iog via DXLD)

After monitoring VOF's drifting downward frequency for several days, have contacted Jamie (via his Facebook page), who in 2014 constructed the transmitters for VOF. Wanted to bring him up-to-date about the drifting frequency on SW. Here is his quick response:

Jamie LaBadia "Hi Ron, thank you so much for the update! I wonder why the drift? The original exciter is a commercial D.D.S. I have been home for a few weeks now, but getting ready to head out again, either to Nashville [WTWW again?], or back to Indiana. Not totally sure yet. I'll have to contact Korea and see what is up with the transmitters. Hard to imagine both of the transmitters would become a "drift-o-matic." I'll try to bring them up on one of the S.D.R.s in the area. For now, I'm hunkering down for another blizzard here in the Catskills." (Ron Howard, March 7, WOR iog via WORLD OF RADIO 1921, DXLD)

Thanks very much to Amano-san for the following extensive info regarding reception of the Voice of Freedom. Thanks also to Wolfie for his continuing assistance with VOF. Ron

- - - - - <http://radio.chobi.net/DX/bbs/?res:2480#3117>

5918v, Voice of Freedom, *1551-2006*, on Mar 10. I checked the VOF Yagan Bangsong (Nighttime Program) on Korean time, *0051-0506* KST, on Mar 11 (Sun). This program is a weekend program.

Ron-san, Thank you for frequency drift information of the VOF. I've attached the audio start one minute of each program. When you check the VOF, please in the reference.

1551- Opening

*** <http://goo.gl/axpjCH> [my audio clip of March 5 - Ron]

1600- "Jugan jonghab bodo gwangjang" [is now jammed - Ron]

("Weekly general news plaza")

*** <http://radio.chobi.net/bbsasia/img/4172.mp3>

1615- "Nalssi wa hwaje"

("Weather and topics")

*** <http://radio.chobi.net/bbsasia/img/4147.mp3>

1620- "Hanminjog tong-illo milaelo"

("Korean people, to unity, to the future" j

*** <http://radio.chobi.net/bbsasia/img/4174.mp3>

1700- "Huimang-ine jib"

("Hope-chan's house")

*** <http://radio.chobi.net/DX/bbs/img/3051.mp3>

1710- "Namnam Bugnyeo"

("South man, North woman")

*** <http://radio.chobi.net/DX/bbs/img/3082.mp3>

1720- "i bam-eul Minji-wa hamkke"
("This night with Minji")
*** <http://radio.chobi.net/bbsasia/img/4161.mp3>

1800- "Gimsasgas Paldoyulamgi"
("Kim Sakkat Faldo Cruise")
*** <http://radio.chobi.net/bbsasia/img/4173.mp3>

1805- "Hanminjog tong-illo milaelo"
("Korean people, to unity, to the future" j
*** 1620- with the same program

1845- "Ingwon balo algi"
("Knowing Human Rights")
*** <http://radio.chobi.net/bbsasia/img/4175.mp3>

1900- "Haengbogghan Daehanmingug"
("Happy Republic of Korea")
*** <http://radio.chobi.net/bbsasia/img/4176.mp3>

1950- "Oneul-e chojeom"
("Today's focus")
*** <http://radio.chobi.net/bbsasia/img/4177.mp3>

1955- "Gimsasgas Paldoyulamgi"
("Kim Sakkat Faldo Cruise")
*** 1800- with the same program

2000- Ending 2006*
*** <http://radio.chobi.net/bbsasia/img/4178.mp3>

* Ending song: "Aleumdaun Nala" ("Beautiful Country")
- <https://youtu.be/FkNajE6Gves>
(Ron Howard, March 11, WOR iog via DXLD)

5918.211, March 11 at 1308, Voice of Freedom, fair signal with music,
drifting further downward, by 3 Hz! Only within margin of error vs my
previous measurement March 10 at 1345 on 5918.214. Maybe it has really
stable-ized? (Glenn Hauser, OK, WORLD OF RADIO 1921, DX LISTENING
DIGEST)

KOREA SOUTH/REP OF Voice of Freedom program on 5920v wandered.

5918.212 kHz measured on monitoring at 2225 UT on March 11, on remote
Perseus SDR unit in Seoul Korea, S=9+5dB signal strength.

5915.000 kHz even - S=9+15dB, VoF suffered heavily by CRI English
program from 150 kW older unit at Beijing tx site, towards easterly

95degr azimuth requested in Far East Asia target.

Also next door 5925 kHz CNR 5th program at 2235 UT March 11, played and sung European western world Opera music of seemingly VoZongzhua program (like written in WRTH 2018), latter S=9+15dB too in Seoul.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
(wb df5sx, wwdxc BC-DX TopNews March 11, dxldyg via DXLD)

5918.2075, March 12 at 1351, V. of Freedom measured here, calculating receiver offset, but not really to that degree of accuracy. Wolfgang B,schel via SDR in Japan put it on 5918.210 at 1200 March 12, 2 Hz down from yesterday (Glenn Hauser, OK, DX LISTENING DIGEST)

v5918 not on air, when checked thrice between 10 and 11 UT today Tuesday March 13. 73 wb (Wolfgang B,schel, dxldyg via DXLD)

Voice of Freedom, on March 13, no longer on 5918.22v; at 1127 noted a strong carrier on 6045.0, which I suspect was VOF returning to their former frequency, but with no audio; N. Korea jamming was also present on 6045 (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WORLD OF RADIO 1921, DX LISTENING DIGEST) later below 5918

** KURDISTAN [non]. The station formerly known as Dengî Kurdistanî is now Dengî Welat. 11530, PRIDNESTROVIE. Radyo Dengî Welat - Kishinev. Sudden s/on at 0600 in the middle of a song, taking over from the 9525 kHz outlet. Majestic theme music and ID at 0601 with many mentions of Kurdistan, a canned announcement and then Kurdish news reports and live crosses from 0603. Good signal. Runs // 7520 kHz via Gavar, Armenia also heard but a weaker signal there (although this frequency should be quite strong in Europe). Mar 5 (DX QUICK TIPS March 5, 2018, Rob Wagner, VK3BVW, via RusDX 11 March via DXLD)

Kurdish station Radyoya Dengî Welat (Voice of the Homeland) broadcasts on behalf of the Dutch-based Firat News Agency, a Kurdish news agency that gathers and broadcasts news from the Middle-East. Turkey has blocked the website of Firat News Agency and believes it is linked with the PKK. Radyoya Dengî Welat appears to have replaced Dengî Kurdistanî (Voice of Kurdistan) on shortwave. It broadcasts in various Kurdish dialects and targets Kurdish listeners mainly in Turkey. Website:

<https://anfenglish.com/>

The observed schedule is :

0330-1530 Daily Kurdish 4810-erv

0330-1600 Daily Kurdish 7520-erv

1600-2200 Daily Kurdish 1395-erv 7320-erv

(Tony Rogers/BDXC Middle East on SW, March BDXC-UK Communication via DXLD) Also 9525, 11530, see other reports

9525.0, March 9 at 2110, very poor talk; not off-frequency so must not be Indonesia reactivated after several months. O yeah, is new frequency for Dengi Welat, as per Ivo Ivanov:

1600-2000 on 9525#ISS 250 kW / 090 deg to WeAs Kurdish

2000-2200 on 9525#KCH 300 kW / 116 deg to WeAs Kurdish

So at this hour site is Grigoriopol', Pridnestrovye, a.k.a. Kishinov, Moldova, a.k.a. Moldavia (Glenn Hauser, OK, DX LISTENING DIGEST)

**** KUWAIT. INFORMATION MINISTER OPENS UPDATING SHORTWAVE TRANSMITTERS' PROJECT AT KABD**

(MENAFN - Kuwait News Agency (KUNA)) KUWAIT, March 8 (KUNA) -- Minister of Information Mohammad Al-Jabri on Thursday opened a project updating shortwave transmitters from analogue to digital radio mondiale (DRM) broadcasting systems, at Kabd radio station.

This is a new achievement for the ministry to be added to a series of vital projects that aim to keep pace with the rapid technical progress around the globe, Al-Jabri told KUNA and the Kuwait TV.

Kabd station, through the new DRM system, will allow "Kuwait's voice" to reach the entire Middle East region, Europe and Asia, he noted.

Kuwaitis have planned and supervised the project, the minister said, noting that updating the infrastructure of radio stations aims to cope with latest digital broadcasting development, the minister said.

Al-Jabri praised officials, and all the personnel at the ministry's Engineering Affairs Sector, for their hard sincere efforts. (end)

Source:

<http://menafn.com/1096562580/Kuwait-Information-Min-opens-updating-shortwave-transmitters-project-at-Kabd>

Posted by: (Alokesh Gupta, March 9, dx_sasia yg via DXLD)

?? They already have a couple DRM transmitters going part-time. Does this mean it will be DRM-only? Do they really think this will enable them to reach more listeners??? (Glenn Hauser, DX LISTENING DIGEST)

Fair signal of MOI Radio Kuwait in English/Persian, March 7

0757-1000 on 7249.9 KBD 250 kW / non-dir to WeAs English, unscheduled

[I guess he meant only 3 minutes of English until 0800 Persian --- gh]

0800-1000 on 7249.9 KBD 250 kW / non-dir to WeAs Persian as scheduled

<http://swldxbulgaria.blogspot.bg/2018/03/fair-signal-of-moi-radio-kuwait-in.html>

Good signal of Radio Kuwait General Service, March 7:

from 0855 on 15515 KBD 250 kW / 059 deg to EaAs Arabic AM mode

<http://swldxbulgaria.blogspot.bg/2018/03/good-signal-of-radio-kuwait-general.html>

(Ivo Ivanov, SWLDXBulgaria News, March 7, WOR iog via DXLD)

** LIBERIA. 6050, ELWA Radio, Monrovia, *0630-0650, 11-03, English, religious songs. 24322 (Manuel MÈndez, Lugo, Spain, Logs in Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

** MADAGASCAR. 6135, March 7 at 1410 open carrier at S4-S6 over JBA jamming; still there but slightly weaker until cutoff at 1459:56*. So is it RNM by longpath failing to modulate, or something else?

RNM's other frequency 5010v has not been reported lately, but Ron Howard says WRMI has already started testing 5010 at other hours, so time is running out for RNM DX (Glenn Hauser, OK, WORLD OF RADIO 1921, DX LISTENING DIGEST)

** MADAGASCAR. 17640, African Pathways Radio with talx about how to make sure your wife won't refuse sex, including the phrase "The Dignity of Marital Sex". Seriously, I can describe sex with a lot of words, but "Dignified" isn't one of them. I mean, it may be fun, but it SURELY isn't 'dignified'! Then into Jazz music and an ID at 2024 that kind of sums it all up: "You never know what you're going to hear on African Pathways Radio." Indeed. 3+54+4+4, 2005-2025 3/Mar (Ken Zichi, M.A.R.E. DXpedition, Brighton MI, SPR-4 + 500' RW, MARE Tipsheet March 9 via DXLD)

** MEXICO [and non]. 580, XELRDA, La Rancherita del Aire, Piedras Negras, Coahuila. 1058-1200 March 6-13, 2018. An aggregate of eight consecutive days trying to nail down this one. Pointing E/W and suspected something domestic, as no Mexican anthem at 1100 or 1200, and commercials sometimes with pricing in (US) dÙlares, though nothing US on 580 listed with this format. Mexi-tunes and fairly long commercial breaks, always has news 1130-1140 (after the change to DST) with alternating man and woman. Not parallel XEYI, Canc'n station stream which is English alternative pop/rock, and no functioning stream for XEAV, Guadalajara located.

Then finally on March 12, a commercial with clear mention of Piedras Negras. So, suspected it's this one, but again no functioning stream located. On March 13, a commercial for "... Toyota del Río... Kelly Bluebook..." which when Googled confirms a Toyota of Del Rio dealership, 58 miles NE of Piedras. Then a clear mention of Coahuila by man and La Rancherita del Aire by female going into the news at 1130. So, it's this one, which is listed as XEMU in the 2018 WRTN, however Wiki states "In the IFT-4 radio auction of 2017, La Rancherita del Aire bought back its former AM frequency of 580, which now has the callsign XELRDA-AM." It's also listed as simulcasting XHEMU 103.7 FM. Some persistent WDBO, Orlando co-channel which then dominates from 1200.

580, UNIDENTIFIED, 1133 March 11, 2018. Someone with Oldies format briefly popping up over the Mexican and WDBO with "Love Will Find A Way" by Pablo Cruise. WACQ, Tuskegee, AL seemingly the only candidate, and pointing NW (Terry L Krueger, Clearwater FL, DX LISTENING DIGEST)

** MEXICO. 730, March 8 at 1321, brief pause in banda music for ID only as ``107.1``. Of course, it's 50 kW XEHB, Ke Buena, Hidalgo del Parral, Chihuahua, the only XE below 900 still propagating a semihour after sunrise here; when will they ever close down this useless AM appendage? (Glenn Hauser, OK, DX LISTENING DIGEST)

** MEXICO. 1060, XEEP, Radio Educaci n, M xico DF [sic], 1202 March 4, 2018. End of anthem, female "Esta es XEEP, Radio Educaci n, 1060 AM..." into kiddie singling and giggling. [sic] (Terry L. Krueger, Clearwater FL, DX LISTENING DIGEST)

** MEXICO. [extracted from report under DX-PEDITIONS]

My priority this year was Mexico. I hadn't taken the Mexican FM migration too seriously after the first couple reports of stations leaving AM early in this decade turned out to be false, but it is very real now. Based on months of research including listening to every web stream I could find and contacting every station I could via Facebook messages, I now believe that as many as 55-60% of Mexican AMs are already gone. Those that remain are mostly in border markets (requires resumption of neglected negotiations with the US), very big cities where insufficient FM slots exist (Mexico City has only 1 available FM slot), indigenous and other non-commercial stations (though a few of those have moved to FM, with or without permission).

Many frequencies apparently now have 0, 1, 2, 3 or 4 stations left, which means if you hear something like a signature theme or a particular version of the anthem, you can listen to the surviving stations' web streams (for MANY days, so as not to jump to wrong conclusions) and sometimes definitively deduce which one(s) you heard. It's a whole new ball game now. 73 (Tim Hall, CA, Sent from my BlackBerry 10 smartphone, March 12, ABDX yg via DXLD)

** MEXICO [and non]. Hi Glenn, just a couple of items this time, but pretty happy with Port Blair. To mitigate that cheerful feeling, our local classical station (XHLNC-104.9) dropped OTA & is on-line only <http://www.xlnc1.org>
-- still have KUSC-91.5, tho, so when it's dull at the beach, I can enjoy uplifting background music (Dan Sheedy, Encinitas CA, March 11, DX LISTENING DIGEST)

** MEXICO. RAYMIE'S MEXICO BEAT this week --- including DTV = TDT

Quote Originally Posted by Glen Hauser: ``Raymie, Are ``social wolves`` a known concept and term in the Mexican broadcasting industry, and if so what is the term in Spanish, ``lobos sociales``? or something you have (justifiably) coined?``

The term is mine (along with a few others like "Article 90 reserved band", "second-wave migrant" and "permit discontinuity"). I don't like to coin new terminology often, but I do that when I need to in order to succinctly explain unique parts of Mexican broadcasting. However, there has been work in this vein. Gabriel Sosa Plata wrote an article in 2013 featuring various permit wolves.
http://blogs.eluniversal.com.mx/weblogs_detalle.php?p_fecha=2013-07-23&p_id_blog=118&p_id_tema=18801

For the record, these are the definitions of those other terms:

Article 90 reserved band (n.) 106-108 MHz FM and the AM expanded band, set aside by Article 90 of the Ley Federal de Telecomunicaciones y Radiodifusi n (promulgated 2014) for community and indigenous stations. Commercial and public stations in these bands are grandfathered if they cannot be moved without downgrading a station class and, at the next available opportunity, relocated out of the band if space is available at the same station class (these are called "Article 90 reserved band clears" or "A90 clears"). Community and indigenous stations can also exist outside of the reserved band, and if there are grandfathered stations, a frequency may be set aside in much the same manner for such a station. (For instance, 102.3 at Fresnillo which has a grandfathered 107.9.)

Second-wave migrant (n.) One of 39 stations that was able to move from AM to FM as a result of the change in minimum station spacing to 400 kHz and a complementary IFT agreement published in the DOF in November 2016. These stations were authorized on July 14, 2017. Second-wave migrants are invariably Class A stations and are required to broadcast in HD Radio. To be differentiated from first-wave migrants, which were authorized under a decree issued in 2008. The first second-wave migrant to complete its FM facility was XHCH-FM Toluca (XECH), which began test broadcasts in October 2017 and normal programming a month later. Almost all of these stations are commercial, with the major exception of Radio Educaci n (XHEP-FM 96.5) in Mexico City. For reasons unique to the station, one second-wave migrant (XHINFO-FM 105.3, ex-XEINFO in Mexico City) will essentially be a brand-new radio station.

Permit discontinuity (n.) A case in which, upon the expiration of a station permit, a new noncommercial (public or social) station is awarded to the same party or similar, usually with a different

callsign, but on the same frequency and technical parameters and also with no major interruption in service. For instance, XEGNAY-AM is a continuation of XETNC-AM (Nayarit state government on 550), down to the authorized power level and programming (Raymie Humbert, March 10, Phúnix AZ, WTFDA Forum via DXLD)

XHPACP is rounding the bend and expects to be on the air fully next month.

<http://periodicocentral.mx/2018/municipio/item/5578-llega-puebla-primera-estacion-de-radio-con-identidad-migrante-texmex-ya-podra-ser-sintonizado-en-el-97-1>

At a press conference (and book presentation) today, concessionaire Luis Fernando Álvarez Laso announced their new studios will have a mural done by young people who have left the region and returned.

Their own press release

<http://radiotexmex.fm/celebra-radio-texmex-fm-3-anos-con-libro-de-identidad-migrante/>

(caution, their site autoplays their live stream) mentions the creation of more than 40 jobs in the process of building the radio station. While they quote 3 kW ERP (they are a Class A), the actual ERP will be below 1 kW because the transmitter site they have specified has a very high HAAT. (They also committed to HD in the auction.)

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Meanwhile, we got some new documents. Some of this is new info, not all of it though:

Frecuencias Sociales won XHTUJ-FM 90.1 Tuxpan and XHTOJ 91.5 Tomatlán, as well as XHPVT-FM 97.5, all in Jalisco. Its legal residence is a house in a development in Ciudad Guzmán. In Tomatlán, an application from Comité Pro Fomento de la Cultura de Tomatlán was tossed. Did XHFCT-FM lose its concession or fail to renew it?

La Voz de la Sierra Tarahumara won concessions for the first radio service at two localities in western Chihuahua. In Bocoyna, where it has its legal address, it will broadcast on 95.1 XHBOC-FM; listeners in Urique will tune to 89.9 XHURI-FM. Both are class A stations. As I initially suspected, this is almost certainly a social wolf. IFT studies found that the people involved in this concessionaire held three stations total, at Ojinaga and Chihuahua Capital. This is probably Sistema Radio Lobo, which is listed as having four stations in Ojinaga and Chihuahua Capital. The other broadcaster in Ojinaga is the larger Grupo BM Radio. [presumably the XETAR 870 original ñ gh]

Identidad Cultural en Tulum gets going with XHICT-FM 104.7 to serve

the aforementioned town in Quintana Roo.

Felipe de Jesús de los Santos Cigarroa will sign on 102.5 XHFJSC-FM in Tonalá, Chiapas. We don't know much about him, unfortunately, though it appears he won some sort of marimba contest as a kid (he must be pretty young: I think there was a mention of a birthdate of April 5, 1995?).

<https://informacionrealidad.blogspot.com/2010/02/hilario-gonzalez-recibe-ninos-ganadores.html>

(Raymie, March 12, *ibid.*)

XHKZ, meet bulldozer. Bulldozer, meet XHKZ.

<https://www.facebook.com/lapoderosa98.1fm/videos/1625434687545042/>

The studios of XHKZ radio on the highway between Tehuantepec and Juchitán were bulldozed over the weekend after being totally damaged in the September 7, 2017 earthquake that hit the Isthmo Region hard.

<http://imparcialoaxaca.mx/istmo/134864/demuelen-edificios-en-santo-domingo-tehuantepec-oaxaca/>

XHKZ also has had its transmitter tower at the site dating to its days as an AM station, which received its concession in 1959.

New facilities and offices are being built at the same site for the station and will soon be dedicated. If you go to the video linked at the top, you can see the temporary XHKZ studio shack.

<https://www.facebook.com/lapoderosa98.1fm/photos/a.607065589381962.1073741833.221527981269060/1578145702273941/?type=3>

The video also briefly shows, but not in detail, a new yellow building on the other side that was not there in 2015 and must be the new studio facility.

<https://www.google.com/maps/@16.346505,-95.2110548,3a,28.1y,132.8h,91.85t/data=!3m6!1e1!3m4!1s1iXZRJpjjyVEyDr4w2HA1Jw!2e0!7i13312!8i6656>

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Radio Educación today announced what we knew for months: that they came away from the Hermosillo permit forest with a station.

We do now know the callsign, XHFLO-FM, and the frequency, 104.3.

<https://www.gob.mx/cultura/prensa/obtiene-la-secretaria-de-cultura-una-nueva-estacion-de-radio-en-sonora>

Radio Educación has obtained agreements with Radio Sonora and the Instituto Sonorense de la Cultura to help launch the station. XHFLO won't come on air until 2019 (probably the first quarter of the year).

<https://twitter.com/RadioEducacion/status/973727942592299008>

You're going to see this term a bit, so I'm gonna define it...

permit forest (n.) A group of applications, potentially mutually exclusive, for public and social radio stations at a given location, that were filed prior to the LFTR. The IFT clears the permit forest in a city by awarding some stations and rejecting others. The first permit forests ó Los Mochis, Hermosillo, Zacatecas, and Canc'n ó were cleared in December 2017. Since then, Tepic and Culiac'n have also been cleared. As weird as it sounds, concessions emerge from permit forests. Unlike mutually exclusive applications for a frequency, permit forests may be cleared by awarding multiple concessions.

Speaking of which, we now know some callsigns:

XHZTZ-FM 95.5 - Zacatecas, Zacatecas; Universidad Aut'ónoma de Durango.
<http://www.ift.org.mx/sites/default/files/conocenos/pleno/sesiones/acuerdoliga/pift191217940.pdf>

The way in which permit forests are being cleared is by using a reference distribution of stations by type in an area. The IFT would like to see 65-70% commercial, 10-15% public, 10% community/indigenous (Article 90 reserved band or equivalent), and 5-10% social untyped in a given area. In Zacatecas, not including the frequency in the 2015 PABF for which there are applications, it found eight open frequencies, hoping to designate four for commercial broadcasting, two for community/indigenous (one of which is outside the reserved band), one public and one social. The first of the five bids to be thrown out was the one made by Arnol'do Rodr'íguez Zerme'õ, for what should be obvious reasons. The other three bidders all had stations somewhere. Fundaci'ón Cultural de Zacatecas was tied to one FM and one TDT concession (it is a social wolf for NTR); Tiempo de Comunicar to six FMs; and Impulso a la M'sica Mexicana to a whopping 56 FM and 12 AM radio stations across the country. (!) As a result, the only bidder without commercial stations was the UAD. They got the station.

Los Mochis:

<http://www.ift.org.mx/sites/default/files/conocenos/pleno/sesiones/acuerdoliga/pift191217941.pdf>

XHSIG-FM 88.5 (Sinaloa, Arte y Gloria)

XHHIS-FM 97.3 (Universidad Aut'ónoma de Durango)

XHMSA-FM 102.9 (Universidad Aut'ónoma de Sinaloa)

The radio panorama in Los Mochis is more commercial. The IFT found of the eight open allocations in Mochis that there should be two commercial, one public, three social, and three C/I stations. M'sica de Mis Recuerdos was thrown out here because it had a connection to an already operating radio station in Los Mochis. It appears to be a very blatant wolf (and as I've noted in the past, appears to be related to Impulso a la M'sica Mexicana).

With one public allotment and one public bidder, the Universidad Autónoma de Sinaloa was a perfect fit. Sinaloa, Arte y Gloria (a social wolf), with fewer stations than the UAD, took first place among the social bidders, but there was room for both of them.

We are still awaiting the information for the Hermosillo and Cancún permit forests cleared that day.

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From the December 13 meeting is info on the new station awarded to Radio Erandi, A.C., at Tangancicuaro, Michoacán. It has been given the callsign XHTGAN-FM on 106.1 and will be a Class A.

The IFT also updated its list of social concessions, giving us new calls left and right:

XHARB-FM 101.9 Ensenada, BC (FCSM)
XHMPJ-FM 91.5 San José del Cabo, BCS (Luis Roberto Márquez Pizano)
XHVHC-FM 98.3 Mapastepec Chis. (Consuelo Valle Hernández)
XHANZ-FM 92.1 Manzanillo Col. (Rate Cultural y Educativa) ó*(Fun fact: former calls of XHZZZ-FM!)
XHRLF-FM 96.7 Mezcala + Gro. (Radio La Filósofa)
XHPEDZ-FM 97.9 Uruapan Mich. (Música de Mis Recuerdos)
XHJAC-FM 105.7 Zamora-Jacona Mich. (FCSM)
XHPEDX-FM 96.9 Linares NL (Delia Rodríguez Arreola)
XHPEAC-FM 102.7 Tepic Nay. (Fundación Garza Limón)
XHPEAB-FM 89.7 Tepic Nay. (Impulso a la Música Mexicana)
XHAKUM-FM 105.5 Akumal Q. Roo (Enlace Social Akumal)
XHANC-FM 88.1 Cancún Q. Roo (Instituto Americano Leonardo da Vinci, S.C.)
XHACS-FM 103.1 Playa del Carmen Q. Roo (Arte y Cultura por Solidaridad, A.C.)
XHCUAD-FM 93.7 Culiacán Sin. (Universidad Autónoma de Durango - Fomento Educativo y Cultural Francisco de Ibarra)
XHCUL-FM 104.9 Culiacán Sin. (Fundación Radiodifusoras Capital Jalisco, A.C.)
XHAVE-FM 90.5 Guasave Sin. (FCSM)
XHRFS-FM, XHRFB-FM, XHRFD-FM all 101.1 Bacadehuachi-Bacerac- Divisadero Son. (Grupo Radio Fiesta Sierra, A.C.)
XHRFM-FM 101.5 Moctezuma Son. (Grupo Radio Fiesta Sierra, A.C.)
XHRMO-FM 88.1 Hermosillo Son. (Democracia y Deliberación Desértica, A.C. - La Voz de Pitic)
XHHMO-FM 103.5 Hermosillo Son. (Universidad Autónoma de Durango - Fomento Educativo y Cultural Francisco de Ibarra)
XHHER-FM 105.9 Hermosillo Son. (Organiden, A.C.)
XHESP-FM 98.9 Mazapil Zac. (Estéreo Peñasquito, A.C.)

XHLAZ-TDT 7 Lázaro Cárdenas Mich. (Laura Amparo Otto Díaz)

XHSIAA-FM 106.3 in 52 Localities of the Municipality of Santa María Yucuhiti, Oax. (Comunidad Indígena Mixteca en el Municipio de Santa María Yucuhiti, Oax.)

Last edited by Raymie; 03-13-2018 at 08:15 PM. Reason: info on XHFLO sign-on target (Raymie, March 13, *ibid.*)

As if that wasn't enough today, we also got another IFT meeting's worth of notes...

Repack me, baby. XHPNW to 33 and XHSBC to 34 are the latest stations being relocated. XHPNW built its shadows on 33, not 39, so... The IFT also accepted repacking proposals for the SPR, XHUAD-TDT, XHILA-TDT, XHBJ-TDT, XHCEP-TDT, XEJ-TDT, XHDTV-TDT, XEWH-TDT, XHIJ-TDT, Grupo MarMor in Michoacán (both of its stations), XHUDG-TDT, XHUJED-TDT, Multimedios Televisión, XHCCN-TDT, and the Chis., Gto., Hgo., Jal., Mex., Mich., N.L., Oax., Qro., and Tab. state networks.

Yet more new stations. Yup, yup:

TV:

Fundación Garza Limón, A.C., Durango, Dgo. Garza Limón now has a state network in Durango, which is even moreso the local TV capital of Mexico.

Patronato Pro Difusión Social, A.C., Río Bravo, Tamps. Social television returns to the RGV after a very long layoff. The question is who are these people?

FM:

Decision on mutually exclusive applicants at Capilla de Guadalupe, Jal. and La Paz, BCS.

Sistema Público de Radiodifusión del Estado Mexicano: Colima, Col. The SPR has its sixth FM station (Raymie, March 13, *ibid.*)

A bit of Chihuahua dreaming on this Wednesday afternoon as some details have been released about the forthcoming Chihuahua state TV network.

<http://nortedigital.mx/estrenara-corral-canal-television/>

It will debut on air in Juárez, Chihuahua Capital, Cuauhtémoc and Delicias late this year and in other areas next year, using virtual channel 16.

What's not mentioned here is that the Chihuahua state network will not only be on VHF, but it will have a common concession for all transmitters (as detailed in the 2017 PABF). A concession has not been officially awarded for it yet. The state government is spending 72 million pesos to build out the public media system. Chihuahua, along with Durango and Baja California, was one of the last few states with neither a state-controlled radio or TV station. While Canal Once provides national public TV service in Chihuahua Capital, Cuauht moc and Delicias, the service on a subchannel of XHIJ in Ju rez leaves a lot to be desired, and there is no public broadcasting of any kind in Hidalgo del Parral or Ojinaga.

With his background in media, Governor Javier Corral has emphasized the new state network won't be governmental in nature and will be a public service broadcaster. (Notwithstanding, the choice of channel number seems to match the Cambio 16 state newspaper and the year of his election, 2016.)

The state government hopes to have the paperwork ready by April or May.

<http://www.juarezhoy.com.mx/index.php/estado/item/33524-gastara-corral-70-mdp-en-canal-16-de-television>

Another document says some of the radio stations have also been approved, for localities like Chihuahua Capital, Cuauht moc and Ojinaga.

<http://eldiariodechihuahua.mx/Estado/2018/03/14/gastara-corral-85-mdp-en-canal-oficial-de-tv&ref=1/>

(Raymie, March 14, *ibid.*)

Analysis: Holy Backlog

Yesterday, when I posted all those new callsigns that had been revealed from the IFT, I was exhausted at the end of the process.

In the last four months, all of the following radio stations have been greenlit:

- XHARB-FM 101.9 Ensenada, BC
- FM at La Paz, BCS
- XHMPJ-FM 91.5 San Jos  del Cabo, BCS
- XHURI-FM 89.9 Bocoyna Chih.
- XHBOC-FM 95.1 Urique Chih.
- XHBOCH-FM 95.7 Bochil Chis.
- XHVHC-FM 98.3 Mapastepec Chis.
- XHOCH-FM 103.3 Ocosingo Chis.
- XHTECP-FM 95.1 Tecpat n Chis.
- XHFJSC-FM 102.5 Tonal  Chis.

XHANZ-FM 92.1 Manzanillo Col.
 SPR FM at Colima, Col.
 XHPECD-FM 89.7 Dolores Hidalgo Gto.
 XHRLF-FM 96.7 Mezcala + Gro.
 XHPECW-FM 102.1 Actopan Hgo.
 XHIXMI-FM 107.7 Ixmiquilpan Hgo.
 FM at Capilla de Guadalupe, Jal.
 XHTUJ-FM 91.5 Tuxpan Jal.
 XHTOJ-FM 90.1 Tomatlán Jal.
 XHPVT-FM 97.5 Puerto Vallarta Jal.
 XHPECR-FM 88.7 Puerto Vallarta Jal.
 XHTNC-FM 105.1 Tancitaro Mich.
 XHTGM-FM 99.5 Tangancicuaro Mich.
 XHTGAN-FM 106.1 Tangancicuaro Mich.
 XHPEDZ-FM 97.9 Uruapan Mich.
 XHJAC-FM 105.7 Zamora-Jacona Mich.
 XHPEDX-FM 96.9 Linares NL
 XHPEAC-FM 102.7 Tepic Nay.
 XHPEAB-FM 89.7 Tepic Nay.
 XHYAT-FM 94.1 Asunción Ixtaltepec Oax.
 XHSIAA-FM 106.3 Santa María Yucuhiti Oax.
 XHAKUM-FM 105.5 Akumal Q. Roo
 XHANC-FM 88.1 Cancún Q. Roo
 XHACS-FM 103.1 Playa del Carmen Q. Roo
 XHICT-FM 104.7 Tulum Q. Roo
 XHCUAD-FM 93.7 Culiacán Sin.
 XHCUL-FM 104.9 Culiacán Sin.
 XHAVE-FM 90.5 Guasave Sin.
 XHSIG-FM 88.5 Los Mochis Sin.
 XHHIS-FM 97.3 Los Mochis Sin.
 XHMSA-FM 102.9 Los Mochis Sin.
 XHRFS-FM, XHRFB-FM, XHRFD-FM all 101.1 Bacadehuachi-Bacerac-
 Divisadero Son.
 XHRFM-FM 101.5 Moctezuma Son.
 XHRMO-FM 88.1 Hermosillo Son.
 XHHMO-FM 103.5 Hermosillo Son.
 XHFLO-FM 104.3 Hermosillo Son.
 XHHER-FM 105.9 Hermosillo Son.
 XHESP-FM 98.9 Mazapil Zac.
 XHZTZ-FM 95.5 Zacatecas Zac.

 XHLAZ-TDT 7 Lázaro Cárdenas Mich.
 TDT at Durango, Dgo. (Fundación Garza Limón)
 TDT at Río Bravo, Tamps. (Patronato Pro Difusión Social)

That doesn't even include any potential award of three radio stations
 (at least) and a state TV network to Chihuahua, as mentioned above. It
 is a total of 51 new FM and 3 new TDT stations, a pace of station

awards not seen in an extremely long time. If this frenetic pace were to be sustained over a full year, the IFT would be adding about 200 noncommercial stations a year to the FM dial in Mexico. Many of these are stations that have been in the pipeline for years. A number of them started as permit applications, which is impressive considering the LFTR has been in force for three and a half years now. Others emerged from the 2015 or 2016 PABFs.

As I've shown with my deep dives into old economic competition rubber stamps and transparency requests, this is just a sliver of the number of requests, some of them quite old indeed, for radio stations. The IFT has shown new vigor in tackling these and moving other processes forward. They have prodded dormant applications back to life, as demonstrated by the recent revival of the application for Sinaloa's state TV station at Culiacan, and dismissed others for a variety of reasons (the wolf request superseded by XHPAMM comes to mind).

On March 31, 2016, when the IFT released its final old tables, there were 362 noncommercial FM stations to 975 commercial ones. At that time, noncommercial stations made up 27 percent of all of Mexico's radio station count. If you consider just these 51 stations against the 114 of IFT-4, that's actually slightly higher at nearly 31 percent (and that misses a number of new noncommercial stations assigned between March 2016 and November 2017). This proportion thus continues to rise.

These activities also clear the agency's longstanding radio backlog, which has only gotten worse since the IFT was created. The IFT in its history has had to focus on other matters in broadcasting in its more than four years of operation. For the first ten or eleven months, without the passage of the LFTR, it was hamstrung by a constitutional reform not backed by enabling legislation. In 2014 and 2015, it had to turn its attention to the digital television transition. After that came the major process of bidding out a national commercial TV network in 2015 and 2016, as well as a groundbreaking radio auction that ran from 2016 to 2017. With IFT-1, IFT-4, IFT-6 and 400 kHz all in the rear-view mirror, the people focused on broadcasting tasks at Insurgentes Sur have been able to turn their attention to the hundreds of applications on file for noncommercial radio stations. It is encouraging to see a lower number of social wolves than might have been the case in the past, as well. While some wolves are still earning stations, they are actual new voices in their markets, and several of the newly awarded radio stations look pretty darn solid to me (Raymie, March 14, *ibid.*)

Any idea on the lead-time for all of the above referenced stations to be built out and on the air? (Jim Thomas, Springfield, MO, Ozark Mountain DTV dxing Daredevil, March 15, *ibid.*)

We could be talking months, we could be talking two years. Who knows.

XHTGAN is an odd case. The concession award gives those details but the social concession sheets do not list a callsign and frequency. This may be because the applicants are involved with the old XHFC-FM, which for some reason had permit troubles. I wonder if they really wanted 107.9 and were surprised to get 106.1 instead.

XHFLO announced its presence with enough pomp and circumstance that we know it will be probably on in 1Q 2019, after Radio Educación finishes its Mexico City FM installation. (I kinda suspect the callsign might be XHHLO...)

Some of these are stations owned by people with no experience running their own stations (even if, like Márquez Pizano, they have experience in the radio business). Others have more experience building stations. Others have yet more stations to build. Rate Cultural y Educativa de México, for instance, has had an FM station concession at Guadalupe, Zacatecas (XHGPE 96.1) for about a year and not a peep.

As for what they'll air, only the FCSM stations (Radio María), the community/indigenous type stations, XHFLO, and XHPEAC (strongly suspect Garza Limón will bring over its only radio format, La Tremenda) have logical formats. Also worth watching are XHRLF and XHESP. These stations, as I mentioned earlier, are being built by local mining companies to provide radio service to the mining towns. (They could, like XHPEM, wind up with exceedingly low ERPs.)

Keep in mind with FCSM that their MO, in most markets at least, seems to depend on support from local commercial broadcasters. The notable exceptions are Cuernavaca and Puerto Vallarta. Elsewhere, finding its sticks makes their partners (Megamedios Culiacán, MG Radio San Luis Potosí, Ultra in Puebla, Grupo Rivas in Mérida) noticeable.

[tagine:] Este programa es público, ajeno a cualquier partido político. Queda prohibido el uso para fines distintos a los establecidos en el programa (Raymie, March 15, *ibid.*)

** MONGOLIA. 12085, Voice of Mongolia, Ulaan Baatar, 1000-1020, 11-03, English, iWelcome to the Voice of Mongolia in Englishî, comments, pop songs in English. 24432 (Manuel Méndez, Lugo, Spain, Logs in Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

** NETHERLANDS [non]. 6150, UT Sun March 11 at 0130 check, The Farty KBC via GERMANY, only poor signal, S6-S9 vs storm noise from Arkansas, with Kim Elliott beepy segment. Too poor by 0150 to get anything out of Kraig Krist's songy segment (Glenn Hauser, OK, DX LISTENING DIGEST)

** NIGERIA. 7255-, March 7 at 0707, NO signal from VON which would surely be inbooming if on.

7255-, March 8 at 0650, VON is off again from what had been its nightly bigsig into North America. Maybe they saw the WRTH 2018 which indicates it should not be on now?

7255-, March 11 at 0720, still no signal from Voice of Nigeria morning broadcasts; propagation is subpar, but surely not so bad as to blot any extant signal out of this.

7255-, March 13 at 0631, Voice of Nigeria still AWOL (Glenn Hauser, WORLD OF RADIO 1921, DX LISTENING DIGEST, but: 7254.922, March 14 at 0607, it's back with Hausa at S9+20 (Glenn Hauser, OK, DX LISTENING DIGEST)

** NIGERIA [non]. Radio Herwa International via TDF and WRMI March 10:
1930-2000 9580 ISS 100 kW / 170 deg to WeAf Hausa/Kanuri, very good
1930-2000 11530 YFR 100 kW / 087 deg to WeAf Hausa/Kanuri, weak/fair
http://swldxbulgaria.blogspot.bg/2018/03/reception-of-radio-herwa-international_11.html
(Ivo Ivanov, SWLDXBulgaria News, March 10-11, WOR iog via DXLD)

** NIGERIA [non]. Radio Dandal Kura International via MBR Issoudun, March 5-6
1800-2000 11670 ISS 250 kW / 167 deg CeAf Kanuri, not // on 12050 ASC
0500-0600 5950 ISS 500 kW / 167 deg CeAf Kanuri, not // on 5960 ASC
0600-0700 7415 ISS 250 kW / 167 deg CeAf Kanuri, not // on 5960 ASC
http://swldxbulgaria.blogspot.bg/2018/03/radio-dandal-kura-international-via-mbr_6.html
(DX RE MIX NEWS #1062 from Georgi Bancov and Ivo Ivanov, March 8, 2018, WOR iog via DXLD)

5950, March 9 until 0559*, R. Dandal Kura #1, and 7415 from *0600 with big humbuzz, obviously different Issoudun transmitters. 5960, March 9 at 0559, R. Dandal Kura #2 continues past 0600, not // 7415 (Glenn Hauser, OK, DX LISTENING DIGEST)

Radio Dandal Kura Int via Issoudun/Ascension Mar 10
0500-0600 on 5950 ISS 500 kW / 167 deg to CeAf Kanuri, not // on 5960
0500-0600 on 5960 ASC 250 kW / 065 deg to WeAf Kanuri, not // on 5950
0600-0700 on 5960 ASC 250 kW / 065 deg to WeAf Kanuri, not // on 7415
0600-0700 on 7415 ISS 250 kW / 167 deg to CeAf Kanuri, not // on 5960
http://swldxbulgaria.blogspot.bg/2018/03/radio-dandal-kura-international-via_10.html
(Ivo Ivanov, SWLDXBulgaria News, March 9-10, WOR iog via DXLD)

Radio Dandal Kura Int via Issoudun/Ascension on March 10
1800-2000 11670 ISS 250 kW / 167 deg to CeAf Kanuri, not // on 12050
1800-2100 12050 ASC 250 kW / 065 deg to WeAf Kanuri, not // on 11670
<http://swldxbulgaria.blogspot.bg/2018/03/reception-of-radio-dandal-kura-int-via.html>
(Ivo Ivanov, SWLDBulgaria News, March 10-11, WOR iog via DXLD)

** NIGERIA [non]. Re: SECRETLAND(non) From March 1 no signal of two clandestine broadcasts via Secretbrod
Radio Nigeria Hausa Service/Radio Na Gaskiya/Radio of Truth
1600-1700 on 15110 SCB 050 kW / 195 deg to WeAf Hausa, deleted"

Reviewing my automated weekend recordings of IPOB Radio Nigeria Hausa Service using the U. Twente SDR receiver, nothing heard on either 3 or 4 March 2018. But also nothing heard on 25 February either. But that could also be poor propagation. Last recording I have with any audio is 24 February (-- Richard Langley, NB, March 7, WOR iog via DXLD)

[IPOB Radio Nigeria Hausa Service] --- And nothing today (10 March) at 1600 UT on 15110 MHz, checking using the U. Twente SDR receiver. Not even a faint carrier visible in the spectrum display. So looks like it is really gone at least for now so I'll suspend my automated weekend recordings of this station (-- Richard Langley, NB, WOR iog via WORLD OF RADIO 1921, DX LISTENING DIGEST)

** NORTH AMERICA. The new Pancho Villa was also on WBCQ 5130 just before midnight eastern time last Saturday night as well. Here is the audio of the show I received from someone in the ether:
<http://radionewyorkinternational.com/archives/pirate/pancho%20villa/PanchoVilla2018.mp3>
(Larry Will, Free Radio Weekly March 10 via DXLD)

** NORTH AMERICA. 6955-AM, March 10 at 0117, S5-S6 very poor song from unID pirate, and soon off. Also unID with bluegrass per these:
<https://www.hfunderground.com/board/index.php/topic,40965.0.html>
(Glenn Hauser, OK, DX LISTENING DIGEST)

** OKLAHOMA [and non]. Re: ``BONAIRE [non]. Estimado Sr. Hauser. Le escribo para informarle que TWR de Bonaire no ha sido posible escucharla en Mérida, Yucatán, desde hace ya varios años debido a fuerte interferencia de una estación en inglés al parecer de EUA (supongo WPLK de Florida), el día de ayer...

... I doubt it's WPLK blocking TWR, as the Palatka FL station is only 1000/334 watts U1, from the NE near St Augustine, between Jax and Daytona. But there are no US stations any more likely. VOWR must refer to VOWR in Newfoundland, 10/2.5 kW, not likely either. The religious station in English may well have really been TWR, if during its 23-24

UT English block (gh, DXLD)``

Glenn - What about KOKC, Oklahoma City? It's only 2500 watts but is a regular in darkness with a good signal here in west central Florida. It's one of the Bott Network stations and is 100% English Christian block programming. WPLK is also a regular pre-sunrise, but it is all Oldies (Terry Krueger, Clearwater FL, DX LISTENING DIGEST)

Terry, Yes, of course, KQCV, my local, but I would not have expected much of a signal to you or a Yucatecan if it's really on pattern favoring the northeast (Glenn to Terry via DXLD)

It is massively dominant here in darkness. Always has been. At 2500 watts I've always wondered why. Maybe God works in mysterious ways (Terry Krueger, DX LISTENING DIGEST)

** OKLAHOMA. 1460, February 19 at 2102 UT, KZUE El Reno, 500 watt daytimer in Spanish for OKC market, with a ``Grupo F rmula Sports Report``. Plugs into Mexican network during certain hours. (Date correct: very overlooked from a pocket notebook in car, did not get transferred to main logbook) (Glenn Hauser, OK, DX LISTENING DIGEST)

** OKLAHOMA. Another earthquake felt at WOR HQ, March 9 at 2033 UT; semi-dozing to `The Score` in stereo from KUCO-FM 90.1, the bed shakes horizontally for a few seconds. Took a bit for me to get my watch visible, so can't time the transit delay exactly, but a good match with USGS:

2.9 magnitude, 14 km NE of Enid, Oklahoma
2018-03-09 20:32:47 (UTC), 3.7 km deep
Location 36.487 N, 97.757 W

It's from almost the same epicentre as the bigger ones on March 4-UT 5 (Glenn Hauser, Enid, DX LISTENING DIGEST)

** OMAN. Radio Sultanate of Oman/Nation Station/Oman FM 90.4 MHz on March 11
1400-1500 15140 THU 100 kW / 315 deg to WeEu English, powerful signal:
http://swldxbulgaria.blogspot.bg/2018/03/radio-sultanate-of-omannation_11.html
(Ivo Ivanov, SWLDBulgaria News, March 10-11, WOR iog via DXLD)

** PAPUA NEW GUINEA. 3260, NBC Madang, Maus Blong Garamut (indigenous drums), 1134-1203*, March 13. Just as with Bougainville, this station was also well above the norm; DJ in Pidgin and gave phone numbers; segment started and ended with garamut (indigenous drums); promo and public service announcement in English (info on surviving a landslide, etc.); DJ in Pidgin playing pop Pacific Islands music; after 1201, in English (must be a Port Moresby audio feed); several promos for "NBC

Radio"; cut off 1203*. Another entertaining reception! (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD) see also Bougainville

** PHILIPPINES. 9399.977 kHz, FEBC Manila Iba in Mandarin at 1015 UT, S=9+20Db on remote Perseus SDR unit in Seoul Korea [selected SDR options, span 12.5 kHz RBW 15.3 Hertz](Wolfgang B,schel, df5sx, wwdxc BC-DX TopNews March 10, dxldyg via DX LISTENING DIGEST)

** PRIDNESTROVYE. Pridnestrovie ----- E-QSL of the Transnistrian radio center ("Radio 1 Plus" Transnistria). An electronic confirmation came from the Transnistrian radiotelecenter. March 5 at 07.00 in Moscow, took "Radio 1 plus" from Transnistria. Receiving at a frequency of 621 kHz. Report sent to: prtc @ idknet.com (Igor Kolke, Moscow, Russia / <https://kolkeradio.blogspot.ru/2018/03/e-qs1-1.html#more> QSL World, RusDX 11 March via DXLD)

Received eQSL from the Transnistrian radio center for receiving Radio One Plus (PMR). 6 March 2018 / 0400-0445 UT / 621 kHz / Program: news in Ukrainian + songs in Russian + news in Moldovan. E-mail: prtc @ idknet.com Sergei Omelchenko, technical director of JSC "Pridnestrovie Radio Telecentre" wrote:

"Let me tell you a little about our company. OJSC "Transnistria Radio Telecentre" has been operating (under different names) since the beginning of 1970. Initially, the broadcast was conducted on long and medium waves, then, as new transmitters were being built, broadcasts began on HF. At present, we broadcast programs of various customers on medium and short waves. Unfortunately, the volume of broadcasting has significantly decreased. In addition, we are broadcasting programs of local and Russian TV programs." You can see the confirmation here - http://rusdx.blogspot.ru/2018/03/blog-post_6.html (Anatoly Klepov, Moscow, Russia, Rus-DX 11 March via DXLD)

** ROMANIA. 5980/DRM, R. Romania via Galbeni with English business news and talx re sports, many IDs & item re Intl Women's Day on March 8, etc. Romanian music show after BoH. Copy was 'choppy' & at 2336 SNR dropped to about 12 dB & decoding stopped. S=4+ but only marginal Decode, 16-18 dB SNR--just BARELY enough to decode. This is the first try using the "VoiceMeeter" feed-through and SDRuno software and it seems to work just as well as 'cable' but allows monitoring the digital signal as well as the actual audio, which really is not a big advantage, all told. "Nice" for MFSK -- not really for DRM. 2315-23 [sic] 6/Mar (Kenneth Vito Zichi, Williamston MI, MARE Tipsheet March 9 via DXLD)

** ROMANIA. Radio Rom,nia International/How to listen/

RRI 2018 Summer Broadcast Frequencies 2013-10-27 12:57:00
Eugen Cojocariu, Diana Vijeu

Listen to English language programming live via the RRI website

RRI broadcast frequencies valid as of March 25 to October 27, 2018
rri-2018-summer-broadcast-frequencies

The Tiganesti-based SW transmitter centre [caption]

[I.e. Tsiganeshti as it should be transliterated, but no one else will do it. The initial T has a cedilla under it making it a Ts, and so does the S, make it an sh. The A also has a ``short`` sign over it (inverted semicircle) --- gh]
<http://www.rri.ro/newfiles/images/tiganesti-antene-us.jpg>

RECEPTION AREAS UT kHz

WESTERN EUROPE [about the same azimuth as to North America East]

0530-0600	7330-(DRM)	9700
1100-1200	13750	15130
1700-1800	9760-(DRM)	11810
2030-2100	6170	9535-(DRM)
2200-2300	7315	9760

SOUTH-EAST AFRICA

1100-1200	15320	17670
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NORTH AMERICA (East Coast)

2030-2100	11850	13650
0000-0100	7375	9730

NORTH AMERICA (West Coast)

0300-0400	7375	9730
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JAPAN

2200-2300	7325	9790
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INDIA + AUSTRALIA

0530-0600	17760	21500
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INDIA

0300-0400	9740-(DRM)	11825
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You can also listen to RRI's English language programming live over the internet using the same SW broadcast schedule given above. All you need to do is go to the iRRI Live! section in the top-right of our website, choose channel 11 for English and then select your desired

audio format (WMA, MP3 or ACC).

Listen to English language programming on demand via the RRI website
RRI broadcasts in English are also available for listening on demand
via our website. The "On Demand" feature is located immediately below
the "RRI Live!" section in the top-right of the RRI homepage. To
listen again to a programme all you need to do is select the date of
broadcast from the drop-down list and then click the desired
programme. Our programmes become available for listening on demand two
hours after the original broadcast.

RRI and social media --- RRI can also be found on Facebook, Twitter,
YouTube, Vimeo, Dailymotion, Google+, Flickr, Pinterest, LinkedIn,
Tumblr, SoundCloud and Instagram. [is that enough? gh]

RRI via mobile phone in the US and on TuneIn

Did you know that if you're in the US you can also listen to RRI
broadcasts on your mobile phone? Our English language programmes are
available both live and on demand via the following AudioNow "call-to-
listen" phone number: 716.274.2526. Calling this number incurs no
extra charge above the equivalent of a standard US mobile phone call.
Our programs are also available on TuneIn (Radio Romania International
1) (via Richard Lemke, Alberta, DXLD)

** ROMANIA. [Re GERMANY [non]]
From: "Wolfgang Bueschel_DF5SX" >
To: "Roger Thauer"
Sent: Sunday, March 11, 2018
Subject: IRRS via RadioCom Romania

Roger, ich habe Dein Log ,ber IRRS 7290 / 9510 kHz aus Saftica
RadioCom Rumänien ,bearbeitet:

ROMANIA, 7290 kHz Radio Rasant via IRRS, O=4 (SAM - LSB) 19.00z-20.00z
In SAM-USB Splatter von 7295 kHz CRI-engl., also besser auf der LSB-
Seite bleiben.... Heute Informationen rund um ihre Schule.
\\ webstream 160 kbps/44kHz (?t ~2s)
List source: userlistAOKI.txt, file date 2018/03/08 14:53 UT

kHz: 7290
UTC/PSN: 1900-2000
Days/PI: 56 (Fr-Sa)
Language: English
Radioprogram Station: IRRS Milano Italy
Country: ROU (Romania)
Transmitter Bcast Center: RadioCom Saftica
Latitude: 44.7000 [rather 44.638021 North, 44 38 14.41 N]

Longitude: 26.1000 [rather 26.073611 East, 26 04 24.27 E]
Modulation: AM
Power (kW): 150 [veiled - rather 100 kW]
Target: ND (non directional)
[rather revolving Swedish Algon like type of horiz log-periodic antenna]
Bearing: 121 [? - rather always 305 degrees northwest to Central Europe]
Notes: IRRS b17

QTH locator: KN34bq17xx
[wrong, rather KN34AP83UC <<http://www.k7fry.com/grid/?qth=KN34AP83UC>>
log-periodic KN34AP82XS <<http://www.k7fry.com/grid/?qth=KN34AP82XS>>]

Saftica site, old Communist era Clandestine radio stations from 1956-1978 Espana Independente, and R Portugal Livre, 50 kW RadioCom.

RadioCom center rebuilt in 2002, 2006, and 2009 acc Google Earth images

Log of Ivo In Sofia Bulgaria:

ROMANIA Reception of IRRS EGR/UN Radio via ROU RadioCom, March 11
1030-1300 on 9510*SAF 100 kW 300 deg to WeEUR English Sun, weak/fair
* co-ch same 9510 URU 050 kW non-dir to EaAS Mongolian PBS Xinjiang
(Wolfgang B.schel, dxldyg via DXLD)

** RUSSIA. Good signal of GTRK Adygeya/Adygeyan Radio, March 9
1800-1900 on 6000 ARM 100 kW / 188 deg to CeAs Adygeyan Fri
<http://swldxbulgaria.blogspot.bg/2018/03/good-signal-of-gtrk-adygeyaadygeyan.html>

Good signal of GTRK Adygeya/Adygeyan Radio, March 12
1800-1900 on 6000 ARM 100 kW / 188 deg to CeAs Ad/Ar/Tu Mon:
http://swldxbulgaria.blogspot.bg/2018/03/good-signal-of-gtrk-adygeyaadygeyan_13.html
(DX RE MIX NEWS #1063 from Georgi Bancov and Ivo Ivanov, March 13, 2018, WOR iog via DXLD)

** RUSSIA. 7295, Radio Sakha, via Yakutsk, 1119-1200, March 12. Thanks to Hiroyuki Komatsubara (Japan), who reported hearing them on March 2, at 0900. Have been monitoring this frequency since then, but today is the first time to hear them; moderate adjacent QRM; clearly // 7345, underneath a much stronger CNR1; music show; 1151-1155 usual series of commercial announcements; 1200 time pips; they have definitely dropped using the nice Jew's harp (khomus) IS that they formerly always played at the ToH. I certainly miss hearing this unique instrument!

Nippon no Kaze signed on 7295, at 1300, in Korean, which blocked Russia and caused a mess with the two mixing together, but R. Sakha

went off the air sometime after 1300, so when Furusato no Kaze ("Wind of Hometown") started at 1330, on 7295, R. Sakha had already signed off.

Very nice to have a second frequency to listen to R. Sakha. Needs more monitoring to determine if this frequency will be used regularly now

7295, Radio Sakha, via Yakutsk, 0958, March 13. Traditional indigenous singing, along with Jew's harp (khomus) music (very nice!); // 7345 (underneath CNR1); in the clear till 1000, when CRI (7290) signed on with very strong signal (Ron Howard, Asilomar State Beach, CA, Etûn E1, antenna: 100' long wire, WORLD OF RADIO 1921, DX LISTENING DIGEST)

RUSSIA/CHINA Thanks Ron, yes, it's true, Radio Sakha Iakutsk is back on 2nd channel now. Tonight (Sun-Thur 2100-2400 UT) noted on 7295.0045 kHz S=8 signal heard in Tokyo and Seoul, at 2120 UT March 13, adjacent 7290 kHz CRI Xian in Korean language, 500kW powerhouse.

\\ 7345even kHz Radio Sakha Iakutsk S=9+10dB, adjacent CRI Urumqi in French to Europe on 7350 kHz. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B,schel, df5sx, wwdxc BC-DX TopNews March 13, dxldyg via DX LISTENING DIGEST)

** SOUTH CAROLINA [non]. Updated B-17 shortwave schedule of Brother Stair TOM
<http://swldxbulgaria.blogspot.bg/2018/03/updated-b-17-shortwave-schedule-of.html>
(Ivo Ivanov, SWLDBulgaria News, March 8, WOR iog via DXLD)

This still had him on WWCR, and incorrect times on WBCQ (gh, DXLD)

Brother HyStairical finally off WWCR: See also USA

5890, March 11 at 0714 check, WWCR is still off rather than BSing.
9980 is also still off March 11 at 1454.

There had been a Sunday-only BS hour at 15-16 UT on 7490, but now March 11 at 1454 check it's a non-TOM YL gospel huxter. WWCR still has not updated its March 1 schedule:

http://www.wwcr.com/program-guides/WWCR_Program_Guide.pdf
showing 6-hour difference between UT and CT. (If like A-17 season, it will never get around to correcting this.) And it still claims Overcomer Ministry is at 9-10 am CT Sundays on WWCR-2, 7490 (Glenn Hauser, OK, WORLD OF RADIO 1921, DX LISTENING DIGEST)

5890, March 13 at 0614, WWCR-4 still silent with no BS, while 5935, WWCR-2 is S9+10 with so-called University Network (Glenn Hauser, OK, DX LISTENING DIGEST)

Okeechobee, FL: WRMI 5850 on Mar 12, 0319. SIO 454 in English.

"Brother Stair" (Ralph G. Stair)

https://en.wikipedia.org/wiki/Brother_Stair#Criminal_cases

talks about how a man gave him a million dollars to keep broadcasting in 2017. BS mentions Glenn Houser. But of course, there was no mention of his latest child molestation arrest.

<http://walterborolive.com/2017/12/update-arrest-of-brother-ralph-stair-confirmed-on-multiple-charges-news-the-press-and-standard/>

Or his prior arrest and conviction for sexual misconduct.

https://en.wikipedia.org/wiki/Brother_Stair#Criminal_cases

My QTH is EM15ep in the Deer Creek area of far Northwest Oklahoma City, Oklahoma County, Oklahoma, USA. My listening equipment is most often a Tecsun PL-310 ET, but I also sometimes use my Yaesu FT-817 as well as AM/FM car radios

(James Matthew Branum, Attorney at Law - <http://www.jmbranum.com>

Radio Programmer - <http://BroadSpectrumRadio.com> OK, WOR iog via DXLD)

** SPAIN. 15390, March 7 at 1904, defective REE transmitter with spur squeals on each side, now measured peaking at plus/minus 2.5 kHz (Glenn Hauser, OK, DX LISTENING DIGEST)

Despite many exciting football match competitions of EUROPA LEAGUE, happend tonight March 8 at 18z - amongst AtlÈtico Madrid, and from 20z AtlÈtico Bilbao in competition, REE Noblejas still plays a lot of popular music of the 60ties and 70ties, no live broadcast tonight on REE shortwave.

9690 kHz 11 kHz wideband at 2021 UT, S=9+20dB on all Europe, and also same strength in remote SDR at Rochester NY-US state.

11685 kHz S=9+15dB here in all Europe, S=8 in NY-US. 10.6 kHz wideband, nice music performance.

15390 kHz S=6-7 in Rochester NY-US, nil in Europe.

15500 kHz S=8-9 signal in all Europe, S=7 in Rochester-NY-US.

73 wb (Wolfgang B, schel, dxldyg via DX LISTENING DIGEST)

ESPANHA. 15390. Mar 8, 2018. 2012-2020, Radio Exterior da Espanha, Noblejas-E, em Espanhol. Locutor e locutora falam; ID-RNE. Emissora com sinal e modulaÁ„o bons e com um ruído no áudio semelhante ao "canto do grilo", prejudicando, sobremaneira, a audiÁ„o desta transmiss„o. 45343 (DXer: JosÈ Ronaldo Xavier, Local da escuta: Cabedelo-PB, Brasil (UTC-3), Receptores: Sony 7600GR & Tecsun S-2000, WOR iog via DXLD)

Radio Exterior de Espa0a, on air now, 1210 UTC, 10-03, with extended program, soccer, Eibar vs Real Madrid, live., 9690, 15500, 15390 kHz. (Manuel MÈndez, Lugo, Spain, WOR iog via WORLD OF RADIO 1921, DXLD)

Re Manuel, tiny REE signals heard here in central Europe, but in NY, Rochester, Detroit USstates remotely:

9690 kHz S=9+5dB
15390 kHz S=9+10dB
15500 kHz S=9+10dB

15390 kHz channel suffered by much annoying whistle tone, accompanied - wobbled some 20 Hertz up and down hopping, like in either sideband on 2460 to 2481 Hertz distance apart, on approx 15392.48 and 15387.53. 73 wb (Wolfgang B. schel, March 10, dxldyg via WORLD OF RADIO 1921, DX LISTENING DIGEST)

Extended program of Radio Exterior de España: Eibar vs Real Madrid, March 10, NOB 200 kW
1200-1410 9690 / 290 deg to ENAm Spanish Sat/Sun, fair to weak signal
1200-1410 15390 / 230 deg to SoAm Spanish Sat/Sun, fair + whistle tone
1200-1410 15500 / 110 deg to N/ME Spanish Sat/Sun, very strong signal
1200-1410 17755 / 161 deg to WCAf Spanish Sat/Sun - is not on the air
<http://swldxbulgaria.blogspot.bg/2018/03/extended-program-of-radio-exterior-de.html>
(Ivo Ivanov, SWLDBulgaria News, March 9-10, WOR iog via DXLD)

I've decided that it might be more fun to put together a narrative log of my radio listening, rather than just using spreadsheets and whatnot. Unless otherwise noted, all frequencies are in kilohertz, the transmission mode is AM, and all times and dates are in UT. My QTH is EM15ep in the Deer Creek area of far Northwest Oklahoma City, Oklahoma County, Oklahoma, USA.

My listening equipment is most often a Tecsun PL-310 ET, but I also sometimes use my Yaesu FT-817 as well as AM/FM car radios.

Noblejas: R. Exterior de España 9690 on Mar 12, 2235. SIO 354. Spanish talking between English music --- The next 25 minutes has the male DJ giving brief comments, then playing songs from the amazing 1999 69 Love Songs by The Magnetic Fields.
https://en.wikipedia.org/wiki/69_Love_Songs

Songs I heard were: "I don't believe in the sun," "A chicken with its head cut off," "All my little words," "Book of Love," "Come back from San Francisco," "I think I need a new heart" and "Sweet lovin' man." So thrilling to hearing album on shortwave, one of my all time favorites. Interval signal at the top of the hour and then station ID. --- Also confirmed ID via webstream which lagged about 45 seconds behind OTA reception. From:
<http://blog.jmb.mx/index.php/2018/03/13/kg5jst-radio-listening-log-march-7-13-2018-utc/>

(James Matthew Branum
Attorney at Law - <http://www.jmbranum.com>
Radio Programmer - <http://BroadSpectrumRadio.com>
OK, WOR iog via DXLD)

** SRI LANKA. 11905, March 13 at 0114:57.5, tune in SLBC just in time to hear the music prÈlude bit, and 2+1 mis-timesignal until 0115:05 before opening Hindi. Now heavy flutter but a fairly good signal, probably due to the N/S equinoxial terminator facilitating grayline (Glenn Hauser, OK, DX LISTENING DIGEST)

** SUDAN. GOVERNMENT BROADCASTER HAS NEW WEBSITE AT NEW URL

Government broadcaster Sudan Radio has a new bilingual Arabic/English website at a new URL:

<http://www.sudanradio.gov.sd>

The site seems to be still under construction and so far has just one live stream, which carries their 'FM100' service. (Thanks to Adil Sidahmed for drawing this new website to my attention via WRTH Facebook group). (David Kernick, Interval Signals Online, March 7, WOR iog via WORLD OF RADIO 1921, DXLD)

** SUDAN [non]. Good signals of Radio Dabanga today (10 March) at 1615 UT on 15550 kHz from Santa Maria di Galeria (Vatican) -- the much stronger signal -- and 13800 kHz from Talata-Volonondry (Madagascar) using the U. Twente SDR receiver. Very frequent jingle IDs. The programming from the Madagascar transmitter was running a few minutes behind that from the Vatican transmitter (so from mp3 files rather than live feeds?). The latter transmitter signed off at about 1626, while the former did so at 1629 UT (-- Richard Langley, WOR iog via WORLD OF RADIO 1921, DX LISTENING DIGEST)

ONE MILLION SIGNATURE CAMPAIGN FOR RADIO DABANGA SUDAN

March 11 - 2018 KHARTOUM Eutelsat Eutelsat

<https://www.dabangasudan.org/en/all-news/article/one-million-signature-campaign-for-radio-dabanga-sudan>

The Darfur Transitional Justice Centre has launched a one million signature campaign in solidarity with Radio Dabanga.

The centre said in a statement on Friday that it initiated the campaign "to stand with, support, and advocate for Radio Dabanga" in order "to counter the ruling National Congress Party's systematic targeting of the radio to silence its voice that expresses hope and dreams of millions [of Sudanese]".

The action is a response to the shut-down of the uplink of the 24/7

Dabanga Sudan satellite programme on February 18. The Egyptian satellite service company Nilesat suspended the transmission of the broadcasts without prior notice.

The channel went dark until a new frequency at Eutelsat allowed transmission to resume the next day at 1pm - which required Dabanga Sudan viewers to re-tune their satellite receivers to the new frequency.

Sudanese Minister of Information Ahmed Bilal confirmed at the time that the Sudanese government issued a complaint about the Dabanga Sudan satellite programme to Egyptian authorities, which resulted in the suspension of the 24/7 news channel.

Solidarity

Opposition parties, civil society organisations, armed movements, and listeners have expressed their solidarity with Radio Dabanga. They view the suspension as "a result of the security understandings between the Sudanese and Egyptian regimes". According to the Sudanese Journalist Network for Human Rights (JAHR) the shut-down was instigated by the Sudanese Ministry of Information.

The Sudanese Journalists' Network called the suspension is "a clear violation of freedom of expression and a desperate attempt by the Sudanese regime to stifle voices in the media abroad as it has been doing with the media home,"

The Communist Party of Sudan pointed to the "cooperation between the security services in Sudan and Egypt which is a desperate attempt to silence this free democratic voice by the enemies of truth and the cowards who fear their people, whether in Sudan or Egypt".

'Voice for the voiceless'

On Friday, seasonal labourers in El Gezira, White Nile state, and Sennar, allied in the Kanabi Association, voiced their support for Radio Dabanga as well.

In a statement the association called Radio Dabanga "a beacon, and an intimate friend as it supports the issues of the vulnerable and the marginalised, including the seasonal labourers".

Last week, Sudanese listeners continued to call the radio from various countries. They described the shut-down "a blatant violation of the freedom of expression" and "a desperate attempt by the regime to gag free voices in its fight to stifle dissenting opinions".

They said they consider the radio "a voice for the voiceless whom the regime is seeking to silence, so that its perfidy will not be exposed".

Activist Jideiri Hamid stated that Radio Dabanga "has played a historical and unique role in the life of the Sudanese by respecting and reflecting the cultural, social, and political diversity in the country" (via Mike Cooper, WORLD OF RADIO 1921, DXLD)

** SUDAN [non]. 15550 kHz Strangeness --- Recorded 15550 kHz from about 1428 UT yesterday (11 March) using the U. Twente SDR receiver for Radio Tamazuji and Radio Dabanga, which starts about an hour later. Radio Tamazuji had a reasonable signal but at about 1523, a stronger carrier came up on the frequency (no audible het), diminishing the audio of Radio Tamazuji. This turned out to be Radio Dabanga with audio starting around 1524, overpowering Radio Tamazuji, which could be heard faintly underneath until 1527. But I thought these two programs / stations were both transmitted from Santa Maria di Galeria at these times and neither from Madagascar. So, is this not the case? Or are two Vatican transmitters interfering with each other? But, if that's the case, why is Radio Dabanga so much stronger than Radio Tamazuji? (Richard Langley, NB, 1433 UT March 12, WOR iog via DXLD)

According to WRTH 15550 kHz is from ISS 1430-1530 and SMG 1530-1630. Best regards, (Mauno Ritola, ibid.)

That would be a reasonable explanation, and so it has been in the past, but FWIW, latest HFCC March 13 says it's all SMG. Maybe they have changed it again (Glenn Hauser, DX LISTENING DIGEST)

Thanks, Mauno. That could explain it. Latest HFCC registration apparently wrong:

```
15550 1430 1530 39SW,47E,48W SMG 250 150 0 216 1234567 291017 240318
D 16739 Apd CVA FPU FPU 3308 RT
15550 1530 1630 39SW,47E,48W SMG 250 150 0 216 1234567 291017 240318
D 16739 Apd CVA FPU FPU 3309 RD
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Now to sort out 13800. Might be a similar issue.

Also, there is a very faint carrier with no discernible audio on 15550 kHz after the Radio Dabanga sign off. HFCC only lists UAE on this frequency at this time with 500 kW beamed at 300°. Perhaps it is, but I would have expected a stronger signal. Mind you, R. Kuwait (presumably) on 15540 kHz only has barely detectable audio at this time (-- Richard Langley, WOR iog via DXLD)

HFCC is full of wooden UAE registrations. Why do they put up with it? (Glenn Hauser, DXLD)

**** SUDAN SOUTH. SOUTH SUDAN SUSPENDS UN RADIO STATION**

By SAM MEDNICK Associated Press Mar 9, 10:26 AM EST

JUBA, South Sudan (AP) -- South Sudan has suspended a United Nations radio station for allegedly refusing to comply with the country's media laws, although the station has not yet been taken off the air.

On Friday, the Media Authority, an independent body charged with regulating journalistic practices in the country, said it was shutting down Radio Miraya for "persistent non-compliance." They said the radio station was "not immune" to oversight.

"Radio Miraya opted not be regulated or questioned. They are operating in an environment of their own but they operate in the Republic of South Sudan where there are laws that need to be observed," said Elijah Alier, the Media Authority's managing director at a press conference.

Alier said they're not trying to censor the station but rather they are monitoring it for "hate speech and incitement." The government may not be able to take the station off the air because the transmitter is on the U.N. base in Juba.

Amid South Sudan's 5-year civil war, which has killed tens of thousands and plunged parts of the country into famine, freedom of the press has also been under siege.

Last year, at least 20 members of the foreign press were prevented from entering or kicked out of South Sudan, according to the Foreign Correspondents' Association of East Africa. Local journalists have been detained, beaten, threatened and denied access to information and newspapers are censored, according to local media bodies.

Reporters without Borders ranked South Sudan 145th out of 180 in its 2017 World Press Freedom Index.

This is Radio Miraya's first suspension since it launched in 2006. The United Nations is in discussions with the government over the action and it intends to keep broadcasting, Francesca Mold, spokeswoman for the U.N. in South Sudan, told The Associated Press.

Under the Status of Forces Agreement, between the U.N. and South Sudan's government, the U.N. has the right to operate radio stations under its "exclusive control" and to convey information to the public relating to its mandate.

Civic groups are calling the suspension disturbing and are urging the

Media Authority and the U.N. to "sort out their differences," said Edmund Yakani, Executive Director of the Community Empowerment for Progress Organization.

Since being formed more than a year ago, the Media Authority has been a reliable regulatory body, with the number of local journalists being arrested decreasing significantly, said Edward Terso, general secretary of the Union of Journalists of South Sudan.

However, he said closing a media outlet indefinitely "deprives the public of access to information" and he is calling on the Media Authority to find a balanced and amicable approach to the situation.

Alier, of the Media Authority says only when the U.N. complies with the law will the station be allowed to return to the airwaves. "They won't be on air until they cooperate," he said (via Mike Cooper, WORLD OF RADIO 1921, DXLD)

Radio Miraya info is on page 366 of WRTH 2018 ñ a number of FM frequencies. It used to be on SW until the end of October 2015:

``Miraya SW relays ceased at the end of the A-15 season, as in DXLD 15-45. Had been on 11560 at 03-06 via France, and on 9940 in B-seasons. Included some English (gh, DXLD 16-23)`` (Glenn Hauser, WORLD OF RADIO 1921, DX LISTENING DIGEST)

** TAIWAN. 9774.0, Fu Hsing BS (presumed), 1107, March 8. In Chinese and with some music; weak signal and best in LSB, but definitely here; still on at 1154; hovering at threshold level audio.

During my daily monitoring, this has not been heard by me for a long time now, so definitely is a rare catch for me!

BTW - Their // 9410 was blocked by strong CNR5 (// 5925), so unable to confirm //

9774.0, Fu Hsing BS, at 1137 & 1240, March 9. Off the air today, after being heard yesterday. So a one day only transmission? Will still keep an eye out here for any more activity.

9774.0, Fu Hsing BS, 1232, March 12. Last heard here on March 8; stronger reception today and clearly // 9410, even with the usual CNR5 QRM, so certainly is Taiwan on their usual unique frequency; in Chinese and EZL songs. Would be very nice if they started to regularly use this frequency again! (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via WORLD OF RADIO 1921, DXLD)

Never heard Sat / Sun, only weekdays irregularly on air. wb (Wolfgang

B,schel, Mar 13, dxldyg via WORLD OF RADIO 1921, DX LISTENING DIGEST)

** TAIWAN. 14370 at 0020 --- Nearly dead 20 meter ham band, but there was a relatively powerful AM signal on 14370, and sure enough, it should be Sound of Hope. Must be a good 100 kW. Chinese, of course. Does not sound like mainland station, if they're jamming. 73 (Walt Salmaniw, Victoria, BC, UT March 11, dxldyg via DX LISTENING DIGEST)

** TAJIKISTAN. 4765+, March 10 at 1332, bandscan with BFO finds a JBA carrier here considerably off+frequency plus, but not measured; presumed Tajik Radio, which was reported by Kouji Hashimoto and Wolfgang B,schel, in the Feb 19-26 period variously as 4765.06, 4765.054, 4765.057, as in DXLD 18-09 (Glenn Hauser, OK, DX LISTENING DIGEST)

** TAJIKISTAN. Fair signal of Voice of Tajik on March 7:
1300-1400 on 7245 DB 100 kW / non-dir to CeAs English
<http://swldxbulgaria.blogspot.bg/2018/03/fair-signal-of-voice-of-tajik-on-march-7.html>
(Ivo Ivanov, SWLDBulgaria News, March 7, WOR iog via DXLD)

I wish someone would tell us about the program content of VOT which we cannot hear, let alone in English (gh, DXLD)

** THAILAND. RADIO THAILAND MARKS ITS 88TH ANNIVERSARY --- ABU
http://www.abu.org.my/Latest_News-@-Radio_Thailand_marks_its_88th_anniversary.aspx

On Sunday, February 25th, Thailand's national radio broadcaster held an event to commemorate the country's "Father of Thai Radio". Acting Director-General of the broadcaster's Public Relations Department, Lt Gen Sansern Kaewkamnerd, chaired a wreath-laying ceremony before a photograph of His Royal Highness Prince Purachatra Jayakara, the Prince of Kamphaengphet. His Royal Highness is considered the father of Thai Radio and February 25th 2018 is the 88th anniversary of the founding of Radio Thailand.

Deputy Director of the PRD, Pichaya Muangnaow, and Director of the National Broadcasting Services of Thailand (NBT), Kittisak Hankla, attended the ceremony along with members of the private and public sectors. Radio Thailand was founded on February 25th, 1930.

Lt Gen Sansern remarked that radio enables members of the public to follow the progress of the state and stated the PRD will continue to develop all its media channels to present citizens with up to date information.

Deputy Director of the PRD, Dr. Charoon Chaisorn, led members of his office in a religious ceremony to mark Radio Thailand Day. The

ceremony included the handover of donations to Sri Thanya Hospital (via Mike Terry, DXLD)

While it is meaningful to the lady DXers and their admirers, is 88 of some numerological significance in the Thai pantheon? Or just plug in 89 and publish same a year from now? 87 a year before? (Glenn Hauser, OK, DX LISTENING DIGEST)

** TONGA. TBC NEEDS GOVERNMENT HELP TO RECOVER FROM CYCLONE GITA --ABU
http://www.abu.org.my/Latest_News-@-Tongas_TBC_needs_government_help_to_recover_from_Cyclone_Gita.aspx

Tonga's state broadcaster TBC, says it could be a month before its station is back to full operations and that it needs government assistance in order to do so. The Tonga Broadcasting Commission studios and their transmission equipment was damaged during this month's Cyclone Gita and television services are only now slowly resuming.

Electricity services were adversely affected while the threat of dengue remains. A state of emergency will continue to apply until March 12th. The government, with help from the World Bank, plans to undertake an assessment to quantify the damage caused by Gita and provide data for recovery planning.

Electricity lines were downed and roofs were torn off houses by the high winds. The government declared a state of emergency before the storm hit, and set up evacuation centres where thousands of people stayed overnight.

The parliament building in the Pacific country has been destroyed by the worst storm to hit the country in more than 60 years. Gita, a category four storm, battered the island causing widespread damage. TBC's acting general manager, Solomone Finau, told Koro Vaka'uta it is important that the station, particularly the radio services, get the help that is needed (via Mike Terry, March 9, WOR iog via DXLD)

Gita hit Tonga circa February 11; of course, already off SW (gh, DXLD)

** TURKEY. Hello and welcome to the March edition of Listening Post.

Voice of Turkey --- I noticed a few weeks ago that Voice of Turkey's Letterbox programme had moved from Wednesdays and Saturdays to Fridays only. So, here is an update to their English schedule as monitored through February.

All broadcasts start with News and (on Mondays-Fridays) Review of the Turkish Press. These are followed by feature programmes, as listed

below. All broadcasts then end with Question of the Month, a selection of Turkish music and News headlines in brief.

Feature Programmes:

Monday: Turkey, My Home (Stories of foreign nationals who reside in Turkey)

Legends of Anatolia (Stories of legendary Anatolian people and places)

Tuesday: The Middle East Through Turkey's Window (events in the Middle East)

Turkey's Cultural Treasures (culturally important Turkish buildings, objects and art)

Wednesday: Global Perspective (Commentary on Turkish or world current affairs)

Either: Foods of the Court (Fortnightly) (Ottoman/Turkish cuisine and recipes)

Or: The Culture of Living Together (Fortnightly)

Thursday: Economy and Politics

Inside Turkey's Foreign Policy

Friday: Review of the Foreign Media

High on the Agenda (Fortnightly)

Turkey in a Nutshell (Historical stories, facts and figures about Turkey)

Letterbox Programme (announced as Fortnightly, but heard weekly)

Saturday: The Middle East Through Turkey's Window (Rpt from Tue)

Economy and Politics (Rpt from Thu)

Sunday: Global Perspective (Rpt from Wed)

Inside Turkey's Foreign Policy (Rpt from Thu)

Transmission times are as follows: 1330-1420, 1730-1820, 1930-2020, 2130-2220, 2300-2350 and 0400-0450 (programmes at 0400 are one UT day later than listed above), and all broadcasts will be one UT hour earlier from 25 March (LISTENING POST with Alan Roe, March BDXC-UK Communication via DXLD)

** UGANDA [non]. 15239.922, March 10 at 1745, R. Munansi via WWRB is detectable on signature off-frequency, VP S2-S3. I should have checked earlier this Sat, but a week ago it was supposedly not on this early for Europeans, and in fact today at 1738 I could not hear it on UTwente SDR. Still on at 2154 check with telco-quality talk measured on 15239.936, so must run until 2200 or so. Gone at 2214 check (Glenn Hauser, OK, WORLD OF RADIO 1921, DX LISTENING DIGEST)

1430 UT March 11, good signal of African Music from Radio Munansi via WWRB on 15240. Videos later today -- 73! (Ivo Ivanov, WOR iog via WORLD OF RADIO 1921, DX LISTENING DIGEST)

USA, Good/fair signal of Radio Munansi via WWRB Global 2 on March 11 1435&1505 on 15240 WRB 100 kW / 045 deg to ENAm African music Sat/Sun from 1506 on 15240 WRB 100 kW / 045 deg to ENAm Luganda lang. Sat/Sun
https://www.youtube.com/watch?v=sdCn6xR9_7g&feature=youtu.be
<https://www.youtube.com/watch?v=BZj2oDw4RC4&feature=youtu.be>
<https://www.youtube.com/watch?v=-dJ1dn0nc0c&feature=youtu.be>
<https://www.youtube.com/watch?v=6Fc2Msr24Tc&feature=youtu.be>
(Ivo Ivanov, SWLDBulgaria News, March 10-11, WOR iog via DXLD)

15239.935, Sunday March 11 at 1529, R. Munansi via WWRB in presumed Luganda talk, poor. Ivo Ivanov was hearing it well in Bulgaria an hour earlier today. Presumably now starts at 1400 instead of 1500 at least on Sundays, maybe Saturdays too, due to imposition of DST upon Tennessee, nothing to do with Uganda (Glenn Hauser, OK, DX LISTENING DIGEST)

I listened this morning from 1513 UT and reception was actually quite good into Victoria, BC with phone quality audio. Peaked at 1623 at good level, then deteriorated on me. Mostly the same person in monologue. Not terribly exciting (Walt Salmani, Victoria, BC, March 11, WOR iog via DXLD)

15240, Radio Munansi (via WWRB) at 2026 in Luganda, a man with talk with definite mentions of iMunansiî ñ Very Good Mar 11 (Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

15240, 10/3 1800, R. Itahuka - Kirundi, MX, buono (Roberto Pavanello, Vercelli / Italia, shortwave yg via DXLD) That would be WWRB Munansi! Or a typo for 15420, where Itahuka really is on Saturdays (gh, DXLD)

** UKRAINE. Radio Europe (Evrope) is a quite new appearance on shortwave between 5830 and 5835 kHz in the evening hours. The station is coming from the Ukraine and should not be mixed up with the Italian one also active on shortwave. Often heard with rock music in presumably Russian or Ukrainian language without ID. Reports can be sent to serg104-130@rambler.ru (Axel R^se, Neuss, Germany Lowe HF-150 & Loop Antenna AOR LA-320, March BDXC-UK Communication via DXLD) surely a pirate (gh)

** U K. London multi-ethnic multilingual broadcaster Spectrum Radio, which has been broadcasting to the capital on 558 kHz since 1990, has now left the mediumwave channel. It's been replaced by Love Sport

Radio, which is due to officially launch on 19 March but can already be heard with full programming on the MW channel and via a live stream from their website at

<http://www.lovesportradio.com>

(David Kernick, Interval Signals Online, March 7, WOR iog via DXLD)

** U K. Small-scale DAB licensing trial extended --- 7 March 2018

In 2015, Ofcom licensed and coordinated a trial with a new approach to DAB radio broadcasting called small-scale DAB. Ofcom has written to the 10 small-scale DAB stations to propose further extending their trial licences until 31 March 2020.

By extending the trial period, around 150 radio services will continue to be available to listeners in the test areas. The trial extension will also allow Ofcom to continue gathering useful information to help inform a new, formal framework for licensing small-scale DAB multiplexes across the UK, which is currently in development.

Ofcom expects that interested parties, including the current trial licensees as well as those not taking part, will have the opportunity to apply for such licences under the new framework in 2019.

Details here:

<https://www.ofcom.org.uk/manage-your-licence/radio-broadcast-licensing/small-scale-trial-multiplex-licensing>

(via Mike Terry, March 7, bdx-news iog via DXLD)

** U K. REINO UNIDO. 7300. Mar 8, 2018. 2128-2140, Radio Akhbar Mufriha, Woofferton-G, em ;rabe. Locutor e locutora falam, com um r·pido intervalo musical entre as falas; 2130 Locutora fala: ID, website e segue-se uma prece religiosa e um cantor interpreta uma canÁ,,o ·rabe. Ahhbar Mufriha com bom sinal e uma modulaÁ,,o satisfatÚria, 45433 (DXer: JosÉ Ronaldo Xavier, Local da escuta: Cabedelo-PB, Brasil (UTC-3), Receptores: Sony 7600GR & Tecsun S-2000, WOR iog via DXLD) see also ECUADOR [non]

** U K [non]. 4790, March 8 at 1257, JBA carrier vs CODAR; 1327 VP music. It's the BBC M-F at 1300-1330 Uzbek via TAJIKISTAN but which is also *jammed per Aoki (Glenn Hauser, OK, DX LISTENING DIGEST)

** U K [and non]. IRAN: BBC makes unprecedented human rights appeal to UN

<http://www.bbc.co.uk/mediacentre/latestnews/2018/human-rights-appeal-un>

This is not just about the BBC - we are not the only media organisation to have been harassed or forced to compromise when dealing with Iran. In truth, this story is much wider: it is a story

about fundamental human rights.

Tony Hall, Director-General of the BBC

Date: 12.03.2018 Last updated: 12.03.2018 at 15.55

For the first time in its history, the BBC is making an appeal to the United Nations in Geneva to protect the human rights of BBC journalists and their families. This unprecedented move comes in response to years of persecution and harassment by the Iranian authorities, which escalated in 2017.

BBC Director General, Tony Hall, says: 'The BBC is taking the unprecedented step of appealing to the United Nations because our own attempts to persuade the Iranian authorities to end their harassment have been completely ignored. In fact, during the past nine years, the collective punishment of BBC Persian Service journalists and their families has worsened. This is not just about the BBC - we are not the only media organisation to have been harassed or forced to compromise when dealing with Iran. In truth, this story is much wider: it is a story about fundamental human rights. We are now asking the community of nations at the UN to support the BBC and uphold the right to freedom of expression.'

Represented by Caoilfhionn Gallagher QC and Jennifer Robinson of Doughty Street Chambers, the BBC World Service filed an urgent appeal to UN Special Rapporteurs David Kaye and Asma Jahangir on behalf of BBC Persian staff in October 2017. This week BBC journalists will, for the first time ever, address the Human Rights Council session to call upon member states to take action to protect BBC staff and to ensure their ability to report freely.

Working with the International Federation of Journalists (IFJ), the BBC has organised a series of events during the 37th session of the UN Human Rights Council in Geneva this week about BBC Persian. These activities include a press conference on Monday 12 March and a side event on Thursday 15 March. BBC representatives will address the Human Rights Council as IFJ spokespeople.

Jeremy Dear, Deputy General Secretary of the International Federation of Journalists, says: 'For many years Iranian journalists have suffered; been forced into hiding, fled into exile, been arrested, jailed and subjected to routine harassment, violence and intimidation. Iranians now increasingly turn to the international media to find out what is happening in their own country. Targeting family members in Iran in an attempt to silence journalists working in London must be stopped; the international community must act now.'

BBC Persian Service journalists in London and their families in Iran

have been systematically targeted since the BBC's satellite television service was launched in 2009. In 2017 the harassment escalated when the Iranian authorities commenced a criminal investigation, alleging BBC Persian Service journalists' work was a crime against Iran's national security. This was accompanied by an asset-freezing injunction citing 152 named individuals, comprising mainly of current and former BBC Persian staff, and this injunction prevented journalists and their families from buying or selling their homes and other property in Iran.

Other measures include the arbitrary arrest and detention of family members in Iran, the confiscation of passports and travel bans preventing people leaving Iran, ongoing surveillance of journalists and their families, and the spread of fake and defamatory news targeting individuals especially women journalists.

On Monday 12 March in Geneva, the late UN Special Rapporteur for Human Rights in Iran, Asma Jahangir's report will be tabled and discussed at the Human Rights Council. The report states:

iIn the course of her missions, the Special Rapporteur also met individuals working for the Persian Service of the British Broadcasting Corporation. They described how they and their families in the Islamic Republic of Iran had been harassed by the authorities, and threatened if they continued to work for the Service. Some were arbitrarily arrested, detained, and subjected to travel bans. In August 2017, a court in Tehran issued an injunction banning 152 members of staff, former employees, and contributors from carrying out financial transactions in the country on account of 'conspiracy against national security'. Until the time of writing, the injunction has not been lifted and harassment has continued.

The Special Rapporteur was disturbed after hearing the accounts of the staff members, observing that many preferred to talk individually and in strict privacy. It has been also reported that some staff members have been photographed while in London to impress upon their families that their relative was being watched. The level of fear that Iranians have whether inside the country or outside of it can be illustrated by the fact that the staff members have endured such intimidation for over twelve months. In October 2017, Special Procedure mandate holders issued a statement calling upon the Islamic Republic of Iran to cease all legal action against the staff and their families, and to cease the use of repressive legislation against independent journalism.¹ (12 March 2018 via Dr Hansjoerg Biener, DXLD) See also IRAN

** U K [non!]. BBC World Service budget savings in 2018/19 will result in these changes:

Hausa - Radio is being moved to Nairobi with the loss of the 1400 and 1930 transmissions.

Somali - Radio is being moved to Abuja with a loss of the 1400 and 1800 transmissions along with the 1100 weekend transmission

Arabic - All bulletins between 0700 and 0300 will move to Cairo.

- iWorld at One and iWorld at Six programmes move to Amman.

- Two editions of iExtra move to Cairo

Urdu and Indonesian - broadcasts will be relocated to within the region.

It's understood that these changes won't take place until after the summer (Message sent to World Service staff 15-26 Feb via March BDXC-UK Communication via DXLD)

** U S A. 2887-USB, March 9 at 0156, ATC with selcalls and contacts, but weak. EiBi shows it's New York Radio, available 24 hours for CAR-A flights, I guess meaning Caribbean/Atlantic. This 2869-3016 kHz aero band usually seems empty, but occasional hits for close-in but too far for VHF comms (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 8992/USB, "Dark Moon" (US Military) ID, then "Disregard this message" and out, then another alphanumeric coded message (45N) consisting of a 30 digit cipher. YY50ES4XMYG6KKNNWW6PD6J0JB0VBL if you must know, then another ID and closed down. 4+5454, 2135-2138* 3/Mar - (Ken Zichi, M.A.R.E. DXpedition, Brighton MI, SPR-4 + 500' RW, MARE Tipsheet March 9 via DXLD)

** U S A. 13564, March 9 at 1524, I can JB hear the currently two most active HIFER beacons, RF and K6FRC at the same time tuned here, at different pitches (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. Re unusual FCC license: WI2XER, MYSTERY STATION ON LONG ISLAND

CHET-NUN

Dear Glenn Hauser, A report of an unusual FCC-application for a license, appeared this morning on your World of Radio. The description seems to match other weird activity - even criminal activity - that is coming over the backbone-infrastructure of national communications systems. The applicant was assigned a very unusual call-number?

How can we get details of this report - if it is yours - which indicated that the FCC-application is re-dacted, and that it is labelled as experimental. We looked all around your site, including at the anomalies. It is not clear where the audio of this particular

program is. Is there a transcript? Thanks, JB

We tuned into KRFP in Moscow, Idaho, in the middle of the show. From the KRFP schedule we believe it was your World of Radio show, which is appears to be an announcement of radio-activity world-wide including times and frequencies and broadcast-strengths. Is this your show? (Rebecca Robb, University of Idaho, DX LISTENING DIGEST)

I referred her(?) to the item in DXLD 18-10; reply: (gh)

Weird FCC-application
CHET-NUN

A lengthy reply is found in a post on the Bulletin Board at Weird
FCC-application

http://www.collaborighting.com/ad_/qedi/rvea/bbrd0657.html

JB

<http://www.hawkshare.com> collaborighting

viz., which seems a bit far-out; but: (gh)

CHET-NUN
Look-out Tower
Bulletin Board
Spring 2017 to present

Bulletin Board 0657 (next)
Subject: Weird FCC-application

Winter 2017-2018

Thank you to G. for citing information on an unusual FCC-application:
ad_/

If our suspicions are correct, this weird redacted FCC-application relates to a severe problem created by troubled Tek-tyrants with top security-clearances.

We watched them suffer from pharmacy and other addictions while corrupting backbone-infrastructure. We have been watching them while living in close-association with major-players, as a secretive subtle subterfuge is developed. Presently, the problem-system is posing as legitimate activity in national communications and electrical utilities.

I call it the Movibotz. Most people are not aware that they are being aggressively hypnotized over covert-radio. It is a soft-rape that uses the most advanced (?) technology.

The item you cited looks like one of the Movibotz mission-critical arms reaching over the ocean to aggressive business interests in the European-Union, where laws are looser than here in the USA.

Subliminal-messaging is illegal.

The trans-Atlantic cable, we noticed a few years ago, underwent some heavy hardware upgrades to secure cable terminals in Nova Scotia. The MoviBotz is currently satellite-enabled, but the transoceanic cables are held in reserve as backup-communications after the sky-borne communications failure. Note the name Hibernia - implying a hibernation across the cold ocean floor until it awakes in fury, like a dragon rising out of the sea.

If you are religious (like me,) it is the mark-of-the-beast system, spreading to the recently built data-centers in Western Europe (probably Ireland, then sprawling across Europe. See the article in DatacenterDynamics, dated 17 December 2015, "Emerson modules land Hibernia Express transatlantic cable" by Bill Boyle.

If you are an American Indian (like me,) it is part of the huge spider-web that our seers saw spreading across North America; a sign of end-of-season calamities.

If you are one of the common folk (like me,) it is a severe ingress on privacy and an offense to the human-rights - and constitutional-rights - that FBI-agents in the United States of America are sworn to uphold.

If you are an insider (like me,) - an eye-witness to network-security developments over a span of several decades - it is the very-hazardous invention of the de-facto cyber-tsar (my espousal) with their gang of corporation dupes.

If you are simply a consumer (like me,) this rouge cyber-system promises peace, security, and economic efficiency; but it will end in tragic economic-slavery, in an unusual cyber-war which features of plasma-pulse electronic-jails and torture through advanced brain-mapping.

If you are military (not like me,) the nano-device networking equipment - developed for national security purposes - is gone rouge - stolen or misappropriated by sex-addicted Tek-tyrantz who systematically installed apps to serve and feed their fears.

If you know about the dangers of hypnotism (like me,) - and if you are one of the few who know that cold-war enemies are systematically launching mesmeric attacks against the USA for at least 50 years, then

it is proof that these enemies have succeeded in tricking Americans themselves to conduct a destructive hypnosis campaign, in a military-backed cyber-war, against their own people.

In short, they are doing high-resolution body-imagery, medical-analysis and simulations, brain-mapping, subliminal suggestion, virtual-technology "feelies") through plasma-injection technology, which are shaped by artificial-intelligence (?) kinetic-engineering and object-oriented materials-and-personell logistics and deployment hypnotic-control via extremely close scrutiny of human behaviors, including commerce and productivity behaviors. No place is private, not our most intimate moments. They are that fearful. Did the United States Patriot Act permit this foolish ingress?

It is a weird marshall-law [sic] system, that is profiling people and things by material observations - camera and semantics data-analysis.

Did I mention they are changing language-patterns in the brain, so that people's speech is altered? It is like the chimpanzees that scientists are boasting that they taught to write English. It is done through artificial-intelligence(?) enabled kinetic-engineering puppetry, a mock at true intelligence.

The materialism of their methods are a severe constraint on the free practice of what we know to be spiritual truths.

The rogue-radio operators are also riding on an innovative compulsory social-contest, a sort of tournament, in which people are forced to compete with each other, under a suspicious-sounding criteria [sic]. They launched it on others without their knowledge or consent. There is a team of corporate entities in Northern Virginia who are convinced that what they are doing is right and just. This effort has provided tens-and-hundreds of thousands of jobs.

It is a compulsory advertising association, which is illegal. There are signs that every Internet-screen will have a advertising-banner, with ads whose content may not be appropriate for the author's themes and motives.

Did you notice that the United States Census Department seems to have merged with the Department of Commerce? Medical-personell [sic] are also being told how to practice their art, due to compromises arising from insurance agency database limitations. Doctors and patients are complaining about it.

These also are signs of the fearful Tek-tyrants, who are attempting mass-control over covert-radio.

Bulletin Board 0657 (next)

<http://www.hawkshare.com> seven-point star collaborighting
(via DXLD)

You (someone? Glenn?) asked about the modulation used for this 'mystery' station. I can't answer WHY the license was so heavily redacted (trade secrets?) or exactly what the "emission designator" listed in the license actually is (some sort of ID/Call?) but it is NOT the 'modulation type' or 'mode'.

Modulation is, however, addressed in the application, but I fear it is no more helpful than the heavily redacted areas, except that I can imply from it that the point of the experiment here is to play with digital modes. Perhaps this is some sort of 'radio internet access' or replacement for satellite/underwater cable systems, or a 'backup' for when those systems fail or are damaged?

ANYHOO -- the application says that the licensed experiments "potentially would use DTMF, single-carrier, and OFDM waveforms and OOK, FSK, ASK, QAM4, QAM16, QAM32, and QAM64 modulations."

THAT bit I can at least 'translate' for everyone.

*DTMF (Dual Tone Multi-Frequency) -- think 'touch tone' -- what your phone does when you push a button, and also used for things like 'SelCall' for aircraft keying, repeaters in the ham world, etc.

*OFDM (orthogonal frequency division multiplex) a digital encoding method that uses many closely spaced subcarriers to deliver digital data -- commonly used for digital cell (radio) phone as well as some digital TV systems.

*OOK (On-off Keying) Think "Morse Code". "CW" is the most common form of OOK

*FSK (Frequency Shift keying) Digital transmission that represents 1s and 0s as variations in the frequency of a carrier wave rather than having the frequency shift mimic the analog character of the audio wave like 'standard' FM does.

*ASK (Amplitude Shift Keying) Digital transmission that represents 1s and 0s as variations in the amplitude of a carrier wave rather than having the amplitude mimic the analog character of the audio wave like 'standard' AM does.

*QAM4 QAM16, QAM32, and QAM64 (Quadrature Amplitude Modulation with 4, 16, 32 or 64 'boxes' in the matrix being transmitted.) This is a

system where the amplitude and phase of a signal are varied to create a 'digital matrix' of signals. It is pretty spectrum efficient, but requires a REALLY high quality and un-interfered with signal to work 'in the real world'. It is how DRM, among other modulation schemes, work. The bandwidth, as well as quality of the circuit, can limit how large that matrix can be. For example, in DRM the "FAC" that tells the DRM de-modulator what to look for uses QAM4 and works well on even a noisy circuit. The "SAC" which carries some digital data and identification information uses QAM 16 and works well on most MW and even on many SW signals. The "MSC" channel uses QAM64 and has the actual audio of the stations being broadcast. It tends to work OK on a good MW and REALLY strong SW signal but if there is more than one ionospheric hop, it just doesn't carry, and if there is any QRM on the channel, fuggetabootit. QAM is also used for ATSC (domestic digital TV in North America) and for some satellite signals both audio and video. QAM ("Motorola C-QUAM") is also used for AM stereo in the USA.

I'm not sure this really helps any in deciphering what is going on with this application, but I'm also PRETTY sure this isn't being used by 'big brother' to do 'mind control' experiments or make you learn English poorly, or even teach chimps to speak.

(FYI, those animals DO have the mental capacity to learn speech, but lack a 'voice box' making the complex human vocal patterns unavailable to them. They can, however, learn ASL and other gestural languages quite easily, on their own [with some human intervention] without any 'mind control', and once learned, they teach their young even. Pretty cool actually, and it makes you wonder about 'what is human' if you think about it long enough!)

But Movibotz? What in the world was that all about anyway? Sheesh -- there are enough underhanded things going on in the world of business and government that we don't have to start imagining things or making up stuff!

At any rate, you now have some trivial knowledge when people start talking about QAM and FSK so you won't have to stare at them blankly! And if *I* had to guess, I'd say this may be related to projects like 'ISP from a balloon' experiments Google has famously described, or a 'backup' to the trans-Atlantic cables and/or satellite data channels. I'd be curious to see if anyone can find a non-redacted application so we can get details, though!

73 //KV Zichi --

One can never be too rich, too thin or have too many radios.

D <-- and I'm still not with stupid! --> R

(Kenneth Vito Zichi, MI, radioguy73@gmail.com, WOR iog via DXLD)

** U S A [and non]. Re: [WOR] BBG Budget News Including Plans for Shortwave from Kim Elliott --- My decoding was also read out by Jeff White on this past weekend's Wavescan. Thanks Jeff and Kim and Glenn. (-- Richard Langley, WOR iog via DXLD)

** U S A. Opinion --- YouTube's war on reputable information
By Haroon K. Ullah February 21, 2018 Updated: February 21, 2018 4:57pm

YouTube recently announced it will label content from Voice of America, Radio Free Europe and PBS as government-sponsored content.

These days, the popular web media seems to be moving from knee-jerk disinformation to heavy-handed censorship, and much of the world (China, Russia, Vietnam, Pakistan, etc.) has been cheering on this trend. Certainly, it is a most dangerous road to go down, as censorship promotes the privileged few while drowning out the voices of democracy and freedom.

Facing pressure from Congress, the normally egalitarian YouTube recently announced it will label content from Voice of America, Radio Free Europe and PBS as government-sponsored content. When a viewer clicks on content from these outlets, they will see those words on the screen. Thus, people will be more likely to doubt the message they are seeing.

They will certainly view sponsored messages exactly the way we watch TV commercials -- with a big grain of salt and only half our attention. YouTube's unfortunate decision seems very odd, as it tilts the information battlefield in favor of propaganda outlets and ultimately makes Americans less informed.

Instead of helping consumers identify authoritative news content, this salvo from YouTube puts our objective and independent reporting of news at a disadvantage.

Instead of watching the coverage and making up one's own mind, a viewer will be suspicious about anything sponsored by our government. ISIS and other extremist groups can claim success because the label "government sponsored content" will dissuade key audiences.

On the digital battlefield, YouTube represents the equivalent of a huge tank battalion, uploading 300 hours of content each minute (!), and now ranks as the second-most-popular website in the world.

What happens on YouTube matters.

Related

YouTube's mistaken 'purge' highlights new peril for video giant

This isn't just about Voice of America, though. It's about YouTube controlling what you see on its platform.

The Chinese and Russians are delighted with this because YouTube is acting more like they do, rather than as free press pioneered by the United States.

It is not too late to turn the tide against our adversaries on the information battlefield. American consumers, specifically, hold the key in persuading technology companies to resist authoritative control over content on the web.

Haroon K. Ullah, chief strategy officer for the Broadcasting Board of Governors, is the author of *iDigital World War I* (Yale University Press, 2017). The Board of Governors is a U.S. government agency. (via kimandrewelliott.com via DXLD)

** U S A [and non]. 9485, 1131, Hamburger Lokalradio, Germany. World of Radio, English, 252, 18/02 [Sunday] RM (Rafael Martínez, Barcelona, Catalonia, Grundig YB400, G3 & RP6901PLL with Tecsun AN-200 loop, March BDXC-UK Communication via DXLD)

WORLD OF RADIO 1920 monitoring: confirmed first WBCQ broadcast, Wed Mar 7 at 2200 on 7490v, good, and also still at 2227. NOTE: from next week will be at 2100 UT in order to pretend it's at the ``same`` local time. Also confirmed UT Thu Mar 8 at 0030 on WBCQ 9330.27v-CUSB, JBA with ECSS (while 9265 WINB is S9+25!). Next:

Thu 2230.5 WRMI 5850 to NW
Fri 0030 WBCQ 9330v-CUSB to WSW
Sat 0030 WBCQ 9330v-CUSB to WSW
Sat 0729 HLR 6190-CUSB to WSW
Sat 1531 HLR 6190-CUSB to WSW
Sat 2030v WA0RCR 1860-AM ND
Sat 2230 WBCQ 9330v-CUSB to WSW
Sat 2300 WRMI 7780 to NE
Sun 0200 WRMI 7780 to NE
Sun 0410v WA0RCR 1860-AM ND
Sun 1130 HLR 9485-CUSB to WSW

DST changes start here:

Sun 2330 WBCQ 9330v-CUSB to WSW
Mon 0300v WBCQ 5130v Area 51 to WSW
Mon 0330 WRMI 9955 to SSE, 9455 to WNW
Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 0030 WRMI 7730 to WNW
Tue 2030 WRMI 7780 to NE, 9455 to WNW [or #1921?]

Tue 2130 WRMI 9455 to WNW [or #1921?]

WORLD OF RADIO 1920 monitoring: confirmed Thursday March 8 at 2230.5 on WRMI, 5850, VG but some fading; after runup IS & ID loop, 2230.0 Okeechobee ID. Also confirmed UT Fri Mar 9 at 0030 on WBCQ 9330.25v-CUSB, very poor. Next:

Sat 0030 WBCQ 9330v-CUSB to WSW

Sat 0729 HLR 6190-CUSB to WSW

Sat 1531 HLR 6190-CUSB to WSW

Sat 2030v WA0RCR 1860-AM ND

Sat 2230 WBCQ 9330v-CUSB to WSW

Sat 2300 WRMI 7780 to NE

Sun 0200 WRMI 7780 to NE

Sun 0410v WA0RCR 1860-AM ND

Sun 1130 HLR 9485-CUSB to WSW

DST changes start here:

Sun 2330 WBCQ 9330v-CUSB to WSW

Mon 0300v WBCQ 5130v Area 51 to WSW

Mon 0330 WRMI 9955 to SSE, 9455 to WNW

Mon 2330 WBCQ 9330v-CUSB to WSW

Tue 0030 WRMI 7730 to WNW

Tue 2030 WRMI 7780 to NE, 9455 to WNW [or #1921?]

Tue 2130 WRMI 9455 to WNW [or #1921?]

WORLD OF RADIO 1920 monitoring: confirmed UT Saturday March 10 at 0051 check, the 0030 on WBCQ, 9330.190v-CUSB, JBA S3-S5.

Ivo Ivanov reports from Bulgaria: ``GERMANY, Reception of World of Radio via HLR on 6190 CUSB, March 10:

<http://swldxbulgaria.blogspot.bg/2018/03/reception-of-world-of-radio-via-hlr-on.html>

0730-0800 6190 GOH 001 kW / 230 deg to CeEu English Sat, fair signal``

Not confirmed the 1531 UT Sat Mar 10 on Hamburger Lokalradio as I monitored via UTwente SDR: at 1531, and circa 1554, nothing heard but the ChiCom mix of Mongolian and Vietnamese services.

Confirmed, Sat Mar 10 at 2230 on WBCQ, 9330.229v-CUSB, very poor. Remember from next Saturday this should appear at 2130 UT instead. Cut away from Brother Scare at 2229 for ID and funding promo. Also confirmed, Sat Mar 10 at 2300 on WRMI, 7780, fair. Next:

Sun 0200 WRMI 7780 to NE

Sun 0410v WA0RCR 1860-AM ND

Sun 1130 HLR 9485-CUSB to WSW

DST changes start here:

Sun 2330 WBCQ 9330v-CUSB to WSW
 Mon 0300v WBCQ 5130v Area 51 to WSW
 Mon 0330 WRMI 9955 to SSE, 9455 to WNW
 Mon 2330 WBCQ 9330v-CUSB to WSW
 Tue 0030 WRMI 7730 to WNW
 Tue 2030 WRMI 7780 to NE, 9455 to WNW [or #1921?]
 Tue 2130 WRMI 9455 to WNW [or #1921?]

WORLD OF RADIO 1920 monitoring: I missed checking the 0200 UT Sunday March 11 on WRMI, 7780, but a few minutes earlier noted with poor signal. Confirmed UT Sun Mar 11 at 0430 on WA0RCR, 1860-AM, MO, 5 minutes into show so started circa 0425 (from next week, nominally from 0315). Next after DST shifts infected:

Sun 2330 WBCQ 9330v-CUSB to WSW
 Mon 0300v WBCQ 5130v Area 51 to WSW
 Mon 0330 WRMI 9955 to SSE, 9455 to WNW
 Mon 2330 WBCQ 9330v-CUSB to WSW
 Tue 0030 WRMI 7730 to WNW
 Tue 2030 WRMI 7780 to NE, 9455 to WNW [or #1921?]
 Tue 2130 WRMI 9455 to WNW [or #1921?]

(Glenn Hauser, OK, DX LISTENING DIGEST)

Don't know if it's permanent or not but am listening to WOR on 5130 at 0400 (John Carver, Mid-North Indiana, UT SUNDAY March 11, DX LISTENING DIGEST)

BTW, John Carver also caught WORLD OF RADIO at a new time on WBCQ 5130v, UT Sunday March 11 at 0400. That's when the WBCQ sked just shows 'Area 51'. If this stick, next Saturday night it would be at 0300 UT Sunday (Glenn Hauser, OK, DX LISTENING DIGEST)

Glenn, Last night's airing of WOR was ad-hoc; in fact, Jane suggested we play it since she wanted to hear reports on the Winter SWL Fest and the WBCQ superstation announcement. Regular airings of WOR will continue 0300 Monday. Regards, Lw (Larry Will, March 12, ibid.)

9485, Hamburger Lokalradio, G^hren, *1000-1210, 11-03, German, at 1100 English, iMedia Networkí, at 1130 [Sunday] Glenn Hauserís program iWorld of Radioí n 1920; at 1200, Spanish, iRadio Tropicalí. 25332 (Manuel MÈndez, Lugo, Spain, Logs in Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

WORLD OF RADIO 1920 monitoring: confirmed in Bulgaria:

``GERMANY, Reception of World of Radio via HLR on 9485 CUSB, March 11
http://swldxbulgaria.blogspot.bg/2018/03/reception-of-world-of-radio-via-hlr-on_11.html

1131-1200 9485 GOH 001 kW / 230 deg to CeEu English Sun, poor & weak``

Not confirmed, Sunday March 11 at 2340 for the new shifted time of 2330 UT on WBCQ 9330v-CUSB: no signal audible, off? Adjacent 9355 VOA Burmese is making it here all the way from Philippines westward; 9265 WINB has good signal. Confirmed on Area 51 webcast starting at 0303 UT Monday March 12, and also good on 5129.8-AM at 0329 check.

Not confirmed at 0330 UT Monday March 12 on WRMI: JBA carrier on 9455, and infinitesimally stronger on 9955, where I can almost recognize me with ECSS. 9955 webcast confirms we are still on there from 0330. While 9455 ran // 9955 when at 0430, it may well not be so any longer at 0330, but can't yet confirm by monitoring. May be // 5985 which is in Spanish. Next:

Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 0030 WRMI 7730 to WNW
Tue 2030 WRMI 7780 to NE, 9455 to WNW [or #1921?]
Tue 2130 WRMI 9455 to WNW [or #1921?]
Tue 2330 WBCQ 9330v-CUSB to WSW [or #1921?]

Full WOR updated schedule via all media, podcast access:
<http://www.worldofradio.com/radioskd.html>
(Glenn Hauser, OK, DX LISTENING DIGEST)

WOR missing from 9455 last week, but back this Tuesday March 13 at 2030 and 2130 on WRMI. Also NEW time will be Wed 2100 on WRMI 9955 (Glenn Hauser, WORLD OF RADIO 1921, DX LISTENING DIGEST)

WORLD OF RADIO 1920 monitoring: confirmed Mon Mar 12 at 2330 on WBCQ, 9330.2v-CUSB, JBA; also confirmed UT Tue Mar 13 at 0030 on WRMI, 7730, very good. Also confirmed Tue Mar 13 at 2030 on WRMI 7780 & 9455 (unlike a week ago when 9455 went astray); also Tue Mar 13 at 2130 on 9455 (not checked, but as I later discovered on the schedule, 7780 is now ALSO supposed to be // during this hour too!).

I haven't finished WOR 1921 in time for these, nor for: Tue Mar 13 at 2330 on WBCQ, so 1920 replays one more time on 9330.25v-CUSB, JBA.

WORLD OF RADIO 1921 contents: Argentina non, Bhutan, Bolivia, Brasil, China, Cuba, Europe, Iran and non, Japan, Korea South, Madagascar, Nigeria and non, Russia, South Carolina non, Spain, Sudan and non, Sudan South, Taiwan, Uganda non, USA; and the propagation outlook

Ready for first airings Wednesday March 14:

Wed 1030 WRMI 9455 to WNW [confirmed VG with higher pre-sunrise MUF]
Wed 2100 WRMI 9955 [NEW!] to SSE
Wed 2100 WBCQ 7490v to WSW

[on caradio confirmed both with about same fair signals, OK in quiet locations only; 9955 about two seconds behind 7490]

Wed 2330 WBCQ 9330v-CUSB to WSW [confirmed, fair on 9330.2v]
 Thu 2230.5 WRMI 5850 to NW
 Thu 2330 WBCQ 9330v-CUSB to WSW
 Fri 2330 WBCQ 9330v-CUSB to WSW
 Sat 0729 HLR 6190-CUSB to WSW
 Sat 1531 HLR 6190-CUSB to WSW
 Sat 1930v WA0RCR 1860-AM ND
 Sat 2130 WBCQ 9330v-CUSB to WSW
 Sat 2300 WRMI 7780 to NE
 Sun 0200 WRMI 7780 to NE
 Sun 0310v WA0RCR 1860-AM ND
 Sun 1130 HLR 9485-CUSB to WSW
 Sun 2330 WBCQ 9330v-CUSB to WSW
 Mon 0300v WBCQ 5130v Area 51 to WSW
 Mon 0330 WRMI 9955 to SSE, 9455 to WNW
 Mon 2330 WBCQ 9330v-CUSB to WSW
 Tue 0030 WRMI 7730 to WNW
 Tue 2030 WRMI 7780 to NE, 9455 to WNW [or #1922?]
 Tue 2130 WRMI 7780 to NE, 9455 to WNW [or #1922?]

Full WOR schedule via all media, podcast access:

<http://www.worldofradio.com/radioskd.html>

(Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 7490, WBCQ in English, Marion's Attic with the usual old recordings and the 'billy-goat with strep throat' sounding 'Marion' herself. You don't hear cylinders or Edison Diamond Discs being played on radio much any more! This is a pretty good show! ;) 4+54+4+4+, 2220-2330 4/Mar (Kenneth Vito Zichi, Williamston MI, MARE Tipsheet March 9 via DXLD)

9330.2, WBCQ with The screaming Cajun preacher, or as I have come to think of him, a LESS articulate Boomhauer from "King of the Hill". I need to check the current DSM [??] to see if this guy is a poster child for some disease. If not, he should be in the next version! 3+5444, 2330-2345 3/Mar (Ken Zichi, M.A.R.E. DXpedition, Brighton MI, SPR-4 + 500' RW, MARE Tipsheet March 9 via DXLD)

The one I think of as ``Blalock the Blaster`` -- during EST inhabited this hour only on Saturdays. `Full Gospel Hour` is official name of show, but no website link from WBCQ nor from WWCR. I am trying to find out if he is really Cajun, news to me; but hard to search any details about him, other than plenty of videos as ``the screaming preacher``, like Tourette's Syndrome eruptions.

(7490), UT Sat March 10 at 0100, listened to first few minutes of `Allan Weiner Worldwide` on WBCQ webcast. Starts talking about driving antique cars around, one of his passions, but not one of mine, so as I

am busy this evening, will leave it to John Carver, mid-north Indiana, to fill us in on what else he said:

``Dead air on 7490 at 0100 for about thirty seconds then the theme song of AWWW started. Signal was better than 20 over this evening. Allan and Angela in studio 9 in FLA.

Allan stated up front that he didn't want to get political this evening. Talked about the antique car tour that he and Angela took part in this week. Angela got to drive the car for part of the tour. He lamented that the youth of today didn't know how to drive with a standard transmission. Stated that everyone should know how to drive with a standard transmission and shoot a gun. Quick story about how his friend Michal taught him how to drive a motorcycle. Then we had a quick lesson on how to drive a model T.

After that a soapbox speech about free speech radio, the importance of free speech and how free speech is in trouble in this country. He says the country is going socialist which is just a short step away from communism. Said that everyone today wanted to be supported and taken care of by the government. This writer cannot do justice to his impassioned speech and urges everyone who is able to do so to listen to the webcast of this program when it's posted online.

A plea to Glenn Hauser to listen to tonight's show. He made the official announcement of the changes coming to the station. A brand new 500,000 watt transmitter, a new building to house it, a new studio and a huge curtain antenna that can be rotated are being funded by an unnamed religious organization. He stated that the original WBCQ will continue to exist. There will be two WBCQs in effect and that the new transmitter and antenna will be used only by the new client.

It is the understanding of this writer that the programs that are currently on WBCQ will continue as before and will not be broadcast on the new equipment. The new station will be under the WBCQ name and the crew there will tend to the new station but they will remain separate. Allan took great pains to stress that no money donated to WBCQ would be used for the new station and hoped that people will continue to donate to WBCQ. Said that after this summer they would have the transmitter for 3265 repaired and it would be on the air along with 7490 and 5130. [WORLD OF RADIO 1921]

Reading of emails began at 0156 followed by a very abbreviated closing prayer and off the air at 0200. There were no phone calls this evening. John Mid-North Indiana``

Plea to me to listen may have been in response to my comments about the 500 kW, some questions that needed to be answered. BTW, last week

with Timtron insitting, AWWW did run until 0220; I mis-corrected a non-typo to 0200.

I do check 7490 direct again at 0226 and surprisingly find a JBA carrier on 7490.015, 0230 JB modulated music. The offness implies it could be WBCQ which I think earlier was about 7490.06. But WBCQ has been closing down this and most nights at 0200 after Brother Scare was dropped and then given 5130 and 9330 most of the days and nights. Nothing else is listed on 7490 around these hours; but possibly a CNR1 jammer against Voice of Tibet, Tajikistan, which before 0000 UT had been showing up on 7487, 7493 (Glenn Hauser, OK, DX LISTENING DIGEST)

Obviously, the investor has deep pockets and I understand is affiliated with a religious organization. The new antenna and transmitter building is being built on land adjacent to the existing transmitter site. WBCQ actually broke ground last summer and the massive antenna's foundation is already in place. The antenna is on site now, but has not been assembled. Most of the construction is on hold during the winter, but WBCQ plans to have this 500 kW station on the air by Fall 2018 (Thomas Witherspoon, SWLing blog, via March CIDX Messenger via WORLD OF RADIO 1921, DXLD)

7490v, Mon Mar 12 at 2333, WBCQ with non-TOM M&W in anti-Islamic talk. That would be 'Camp Constitution Radio'. Also some CCI; maybe overload or CNR1 jammer. This M-F hour used to be BS, but DST shifted him to 22-23 UT, when all three WBCQs should be BSing, 5130v and 9330v too.

7490, UT Tue Mar 13 at 0120, Timtron is talking about the 160 mb, and converting a MW-50 transmitter to SW, which then burned up. Sked does not show anything between 0100 and 1900 UT Tuesdays; must be playback of his own show or when he was infilling for AWWW (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A [and non]. From the Isle of Music & Uncle Bill's Melting Pot, March 18-April 1

Here is a quick synopsis of our programs for the next three weeks:

From the Isle of Music, March 18-April 7

I. March 18-24: No interviews, rather a Cuban concert hall program of modern concert and experimental music

II. March 25-31: Ruly Herrera Sr. leader of Los Dan, one of Cuba's most prominent Rock/Pop groups, is our special guest. We also listen to some current Cuban Rock.

III. April 1-7: Chang,i and Folkloric Music. Our special guest is Chang,i group Son del Guaso. We will listen to some of their music plus some other folkloric Cuban music.

Four opportunities to listen on shortwave:

1. For Eastern Europe but audible well beyond the target area in most of the Eastern Hemisphere (including parts of East Asia and Oceania) with 100 kW, Sunday 1500-1600 UT on SpaceLine, 9400 kHz, from Kostinbrod, Bulgaria (1800-1900 MSK)
2. For the Americas and parts of Europe, Tuesday 0000-0100 UT on WBCQ, 7490 kHz from Monticello, ME, USA (Monday 8-9 PM EDT in the US). This has been audible in parts of Ireland, the UK, Central and Southern Europe with an excellent skip to Italy recently.
- 3 & 4. For Europe and sometimes beyond, Tuesday 1900-2000 UT and Saturday 1200-1300 UT on Channel 292, 6070 kHz from Rohrbach, Germany. UT stays the same after the time change.

Uncle Bill's Melting Pot, Sunday, March 18, March 25, April 1

I. March 18: Episode 54 of Uncle Bill's Melting Pot, Psychedelic Brasil, takes a look at some of our favorite psychedelic groups in Brasil during the 1970s.

II. March 25: Episode 55, Serbian Kolo Party, is, well, lots of great Serbian Kolos. Dance if you can.

III. April 1: Episode 56, Silly Music for a Very Silly Day, is music to make you laugh on April Fools' Day.

Sundays 2200-2230 UT (6:00-6:30 PM Eastern US) on WBCQ The Planet 7490 kHz shortwave from the US to the Americas and parts of Europe.

Note the UT time change for A18 [sic], same local US time. In recent weeks the signal has had a nice bounce to Spain, Italy and Switzerland as well as Iceland, Ireland and parts of the UK. Also audible in Brasil, Paraguay and points North (Bill Tilford, March 14, DX LISTENING DIGEST)

** U S A. Monitored WRMI Sunday Evening / Monday Morning (UT) 7780 kHz
Schedule --- From my recording last Sunday evening, 4-5 March:

2015 Viva Miami (in Spanish; cut off by 11580 --> 7780 announcement)
2030 Shortwave Radiogram
2100 Voice of the Report of the Week, VORW Radio International
2200 Your Weekend Show (in part, on the problems with kids today; only first half hour)
2230 Walking in Power, followed by "Oldies"
2300 Wavescan
2330 Shortwave Radiogram (repeat)
0000 Radio Slovakia International in Slovak
0030 Radio Slovakia International in English
0100 Voice of the Report of the Week, VORW Radio International (repeat)
0200 Wavescan (repeat)
0230 Radio Prague in English

Bob Biermann's Your Weekend Show continues to be run for the first half hour and was interrupted by "Walking in Power." Most annoying. (-- Richard Langley, NB, March 7, WOR iog via DXLD)

** U S A. March 7 - What is happening on 5010? WRMI is scheduled to start broadcasting here later this month, so are they testing now? If so, heard with very poor signal. Thanks go to Dave Valko, who first noted them at 1030 and commented "I would think WRMI would be stronger, but it's nowhere near as strong as 5025 Rebelde." I certainly agree, the signal was not what I would expect from WRMI.

My monitoring of 5010 started today at 1128, with pop song; 1130 went to dead air (only a carrier) till tuned away at 1142; at 1204 news followed by ID at 1209; not very readable, with poor to very poor reception. 1233 could make out WRMI with music, along with faint AIR Thiruvananthapuram underneath (seemed their usual news in English); at 1243 WRMI played Rod Stewart's "Da Ya Think I'm Sexy," with AIR again being heard underneath and both very poor.

Dave and I are wondering about this reception today, as last month he noted a pirate (USA) on 5010. This is not a hoax, right?

Dave later informed me "found 5010 parallel to 9395 WRMI at 1257," so must indeed be WRMI testing, but not doing very well (Ron Howard, California, March 7, WOR iog via DXLD)

[non]. Seeing a very weak carrier using the U. Twente SDR receiver. No audio. AMSync frequency is 5009.995 kHz. I suppose this is likely AIR. (-- Richard Langley, 1516 UT March 7, ibid.)

After my hearing WRMI today testing on 5010, I emailed Jeff White, asking about my reception. He has kindly responded with:

"Hi Ron. I'm amazed that you were able to hear 5010 in California. Yes, we were doing some low-power testing on that frequency. We'll be back there sometime after the start of A18. All the best. Jeff
WRMI Radio Miami International
10400 NW 240th Street
Okeechobee, Florida 34972 USA
Tel +1-305-559-9764
Fax +1-863-467-0185
www.wrmi.net "

[non-log]. 5010, WRMI. After conducting a low powered test here on March 7, has not been heard again on the 8th nor the 9th; am only hearing AIR Thiruvananthapuram. Later this month, when WRMI starts up with full power, will probably be impossible to hear India, at

least here on the west coast (Ron Howard, Asilomar State Beach, CA, E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

9395 // 9455, Wed Mar 7 at 1844, WRMI with Oldies music, while 7780 is a JBA carrier. I am checking what the WRMIs are doing today after yesterday's Tuesday anomalies which resulted in no WORs on 9455, and no RAE on 9395.

At 1900, 9395 switches to RAE hit-it vamp theme running a full minute, 1901 opening German as scheduled, while 9455 continues with Oldies. Quick check at 2015, 9395 now in RAE Italian as scheduled.

At 2040, 7780 is // 9455, as had been the case during this hour only, but what is the program? Guy crutching frequently with ``ya'know`s, about the benefits of selling music downloads of ``bands`` (and I don't think he means brass or marching but a more limited genre). A couple of brief tunes but mostly yakking, 2047-2049. Hard to catch showname or website due to fades. 2050-2052 finally copy mentions of spacephono.com, says it is his first SWBC.

So altho `Your Weekend Show` has been scheduled here (mid-week!), this is the same as had been publicized exactly one week earlier on WRMIFB, and whose two further repeats were preempted already by something else:

``Space Phono Radio: 2) 2000 UT Wednesday, February 28 on 7780 kHz [sic, only] to Europe. That's 3:00 pm Eastern Time Wednesday (Feb 28). This should also be audible up the East Coast of the US and Canada.``

Like so many special or ``one time only`` bookings on WRMI, it has been allowed to repeat rather than resuming normal programming. Anyhow, this bodes well for resuming the 7780 // 9455 strip at 20-21 including WOR Tuesdays at 2030.

9455, Wed Mar 7 at 2100, this WRMI also resumes `FG Radio` as scheduled from Cyprus. Date of original broadcast not given, so I note the first few headlines in order to determine futurely whether the same episode be stuck in replays as has happened before: DB railway in Germany modernization; avian flu in Iran vs chicken farms since the beginning of the Iranian year (which was almost a year ago now, vernal equinox!); something about renewable energy in Australia by 2020y; Toyota investing in France . . . Meanwhile during this hour, 7780 // 9395 back to Oldies.

9395 // weaker 7780, Friday March 9 at 2108, Bob Biermann so must be `Your Weekend Show`. This does not match at all what's displayed on the skedgrid at <http://tinuyrl.com/WRMIfqs> Some other preacher on 9455. 9395 was relaying RAE at 1947 during a multi-lingual ID amid

German hour.

9455, March 10 at 2044, WRMI QSY announcement from 11580 to 7780 will happen January 8 is still playing, non sequitur, and about time for a reverse one.

7780 // stronger 9395, Sunday March 11 at 1312, WRMI with secret airing of 'AWR Wavescan', moved forward to 1300 UT for DST season ex-1400 during ST. 9395 has RTTY QRM.

9455, meanwhile, at 1312 March 11 is // 9955 with YL gospel huxter. That would be 'Living the Bible' per sked.

9955, March 11 at 1359 after ``calling Dublin-to-Tangier`` classic WNYW ID for WRMI, cuts off the air at 1400*, ex 1500*, and one may assume all programming on 9955 at least, has moved one real UT hour earlier.

9455, March 11 at 1417 is in Spanish playing Arirang, about the Korean Olympix --- new relay of KBS??? No, further listening finds it's just R. Eslovaquia Internacional at a new time. At 1450, 9455 is filling with steel drum tune in the World Music rotation.

9395 // 7780, March 11 at 1417 now with Oldies music. For sure at 1451 check playing ``Can't Buy Me Love``.

The WRMI sked grid via <http://tinyurl.com/WRMIIfqs> has been promptly updated labeled March 11, but still doesn't match 100% what we hear.

The complete 9955 program schedule via <http://tinyurl.com/WRMI9955> has also been updated as of March 11, still presented in Eastern time only, which now means UT -4. There is a big blank between 14 and 21 UT daily.

7780, Sunday only 1300-1500 is shown as 'Worship In Your Home', while we were hearing Oldies. No sign of Eslovaquia in Spanish at 1400 on 9455. On 9955, that is now scheduled Mon-Sat 1030-1100 & again Mon-Fri 1230-1300. Intervening at 1100-1200 M-F is RAE in Portuguese, ex 12-13. And R. Prague in English, Mon-Sat 1200-1228, ex-1300-1328.

Aha! I see a new WORLD OF RADIO time on it: Wednesday at 2100 on 9955. That means it will be at same time as WBCQ 7490v. By then, a brand-new edition should always be ready for both. Further study of the WRMI schedules is necessary for any further significant changes.

9455, March 11 at 2057, 'SW Radiogram' beeps mixed with music. Kim Elliott still doesn't know that the Sunday 2030 broadcast via WRMI is

not only on 7780, poor here in the daytime, but also on much better 9455. As in the current website schedule showing no 9455:

<http://swradiogram.net/>

(Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. Monitored WRMI Sunday Evening / Monday Morning (UT) 7780 kHz
Schedule --- From my recording last Sunday evening, 11-12 March UT

???? Brother Stair when I tuned in about 1915 UT

2000 His Prayer to You (? Didn't catch ID just a woman pastor talking)

2015 Viva Miami (in Spanish)

2030 Shortwave Radiogram

2100 Voice of the Report of the Week, VORW Radio International

2200 VOA News followed by Oldies (including incomplete frequency announcement, not mentioning 7780 kHz) and another VOA News bulletin before 2300

2300 Wavescan

2330 Shortwave Radiogram (repeat)

0000 Radio Slovakia International in Slovak

0030 Radio Slovakia International in English

0100 Voice of the Report of the Week, VORW Radio International
(repeat)

We are no longer being teased by just the first half hour of Bob Biermann's Your Weekend Show at 2200 UT. Thanks for the change. Hopefully it will be semi-permanent (-- Richard Langley, NB, WOR iog via DXLD)

9955 // 9455, Sunday March 11 at 2237, these WRMIs with Cuban chat, Mirka show? 9395 // 7780 with Oldies. 5850 and 5950 have two different gospel huxters in English.

7780, Sunday March 11 at 2340, 'Shortwave Radiogram' beeps via WRMI, and no // found now, unlike at 2030. 9395 // 9455 with Oldies.

9455 // 9955, Monday March 12 at 1345, WRMIs with Chef y Thaô's conversing in Spanish from Malasia, about the ethnicity, climate, cuisine, skyscrapers in KL, etc., closing with plans to fly via Osaka to Hawaii, i.e. the same 'Viva Miami' episode which has been airing several times daily for a sesquimonth now.

Cuts to ``Okeechobee Ocean`` ID at 1359.5 before they are quite finished, and a couple notes of the Slovakia theme on 9955 before it cuts off the air; while 9455 stays on the air for Eslovaquia en espa0ol, as not shown on schedules but also heard yesterday.

7780, after 1400 and 1500 March 12, is off; 9395 is on with Oldies, and until 1417 the 5-minute VOA newscast, with Steve Miller. Also RTTY

QRM to 9395. By 1509, 9455 is in Oldies.

9395, March 12 at 1505, now gospel huxter, presumably BS but does not sound much like him; very weak WBCQ 9330.261v-CUSB, maybe // but not synch. 9980 WWCR is still devoid of RF let alone BS. 7780 is not on.

What's happening at 1900 UT Monday March 12? 9395 continues // 9455 with Oldies thru and past hourtop, i.e. RAE relay in German is lost in the shuffle again; also Italian at 2000? 11580 not yet reactivated now, tho has always stayed imaginatively on skedgrid, for German & Italian at 21-23 instead.

7780, March 12 after 1900 has a weak gospel huxter, maybe TOM like 9330 WBCQ, and nothing on 9980.

WRMI survey starting March 12; this will be rather convoluted, especially for anyone trying to rearrange this into frequency order, but this is what I found. I've put a date with each item, making those seem redundant in my original format, but I am not adding ``WRMI`` with each one, nor my gh credit, which will have to be appended if rearranged:

9455 // 7780, Mon Mar 12 at 2010, something in Russian --- DX program 'Radio Panorama' as now scheduled at 2000 Mondays, followed by 'Wavescan' at 2030. Sked grid has a typo as ``9445`` for this hour!

9455 // 7780, Mon Mar 12 at 2155, 'La Rosa de Tokio' hour is finishing. Previously these two frequencies had separate programming during this hour. The skedgrid confirms this.

9455 // 9955, Mon Mar 12 at 2200, 'Wavescan' again, #472 for week of March 11, now on this parallel pair; while 7780 and 9395 are very poor, Oldies?

5850, Mon Mar 12 at 2232, no signal from this WRMI supposed to start at 2230, but cuts on at *2233, VG with 'Yeshua'. Having problems getting going on time, like 5950 not at *2200, see ARGENTINA [non].

7780 // jammed 9955, Mon Mar 12 at 2305, 'Viva Miami'; while 9395 // 9455 are now Oldies; both with VOA news circa 2330.

5850, Mon Mar 12 after 2300, still R. Tirana in English, and at 2330, R. Prague in English.

9955, Mon Mar 12 by 2333, wall of noise jamming vs Spanish, presumably Radio Libertad, now at 2315-2400 M-F.

Now from UT Tuesday March 13:

7730, UT Tue Mar 13 at 0018, 'Wavescan' in progress, and from 0030 'World of Radio 1920', both VG.

7780, UT Tue Mar 13 at 0018, RSI in Slovak (NOT 11580 as still shown on skedgrid; and is // 5850).

9395 // 9455, UT Tue Mar 13 at 0019, commercial with phone 800-764-9168, back to Oldies.

9955, UT Tue Mar 13 at 0020, Spanish gospel huxter readable vs jamming. Scheduled at 0015-0030 is 'Frank & Ernest in Spanish'.

11530, UT Tue Mar 13 at 0021, Spanish about China, RTI relay; also some CCI: it is also a Sound of Hope frequency 20 hours a day and subject to CNR1 jamming. Two birds with one stone?

5950, UT Tue Mar 13 at 0021, Spanish gospel huxter. It's the AWR-Cuba block at 0000-0030 only.

5850, UT Tue Mar 13 at 0021, Slavic song, during Slovakia in English.

5850, UT Tue Mar 13 at 0117, ``Star Wars`` theme and starting 'Italian SW Panorama' to present MW & SW logs from DX Fanzine, and // much weaker 5950 and // 7780 of middle strength. I.e. this is the second part of IBC Radio at 0100-0130. Frequency usage contradicts the skedgrid which shows at 0100-0200, 7780 // 5950 with this, but 5850 going with 9395 // 9455 for 'Grateful Dead'! But that can't be right since Argentina in English is now on 9395 // 9455 at 01-02 weeknights.

11530, UT Tue Mar 13 at 0118, romantic or rather praise gospel music in Spanish. It's the 'F-mily Radio' hour at 01-02, same 160 degree azimuth as on 9955.

9955, UT Tue Mar 13 at 0118, music in Spanish with jamming. Yet sked now shows for the 0100-0130 UT Tue block: 'Coming Home'.

5850 VG // weaker 7780 // weakest 5950, UT Wed March 14 at 0134, it's Keith Perron talking about transferring discs to digital, i.e. PCJ Radio International, then plugging 'Happy Station'. This is what appears misleadingly on the WRMI program skedgrid as 'Media Network Plus' and on 5950 // 7780 only, while 5850 is shown as 'Space Phono Radio', but that may have been only a one- or two-shot test broadcast?

9455, March 14 after 1400, R. Eslovaquia again in unscheduled Spanish, while after 1430 at 1447 check, it's World Music fill, and 9395 is in Oldies prior to picking up Brother Scare at 1500. It's not clear why Slovakia need or want a third morning Spanish broadcast, already at

1030 on 9955, 1230 on 9955 and 9455 (with weekend variations)(Glenn Hauser, OK, DX LISTENING DIGEST)

WRMI: See also ARGENTINA [non]; USA [+ non] WORLD OF RADIO monitoring

** U S A [non]. During `AWR Wavescan` March 13, Jeff White gave the A-18 schedule effective March 25 for that program:

Sun 1530 15670, Nauen to Nepal & Tibet

Sun 2200 12040, KSDA to western Indonesia

Sun 1600 11950, Sofia to S India [new site]

Sun 1600 9580, Trincomalee

Those are the only times on AWR itself, not including dozens more via WRMI, KVOH, VOHA, WWCR (Glenn Hauser, OK, DX LISTENING DIGEST)

A-18 schedule of AWR DX program Wavescan from March 25, is as follows:

Sunday 1530 UT 15670 to Nepal via Nauen, Germany

Sunday 1600 UT 11950 to India via Sofia, Bulgaria

Sunday 1600 UT 9580 to India via Trincomalee, Sri Lanka

Sunday 2200 UT 12040 to Indonesia via KSDA, Guam

Recording of Wavescan program is available in:

http://awr.org/program/engmi_wav-2/?regional=1

-- Thanking you, Yours sincerely, (Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India, DX LISTENING DIGEST)

Hi, Jose. Please note that schedule is only for the airings of Wavescan by AWR itself. AWR Wavescan is also broadcast multiple times each week to other parts of the world by WRMI, KVOH, WWCR and Voice of Hope - Africa (Ray Robinson, dxldyg via DX LISTENING DIGEST)

** U S A. 12105, March 7 at 1846, S9+10 of dead air, no doubt WTWW-3. Still DA at 1905, 2045. Still carrier faded to S3 at 0032 March 8. The only other station ever on 12105 is RFA Burmese via Tinian at 1230-1430. At 1333, 1400 and 1430+ March 8 I still have an S4-S6 carrier on 12105, but no audio detectable. And much stronger dead air again at 1751, obviously still WTWW-3.

Seems this transmitter has been turned on and forgotten, never with any modulation at further chex. Dozens of 100s of kWh wasted --- imagine what the cost of that could have done for starving or homeless people in Nashville!

5085, March 8 at 0648, meanwhile, WTWW-2 has also been running very long hours, perhaps overnight, but modulated, for Ted to replay ham radio interviews, why? Still going at 1252 talking about keys, and at 1447 about caps.

12105, March 8 at 2028, WTWW-3 zombie transmitter is still on with S8

of open carrier/dead air. Finally found to be off March 9 at 1621, 1946.

5085, however, March 9 at 1516, WTWW-2 still on night frequency, flanked by omnipresent spurcarriers plus/minus 12.9 kHz, with story about a phonebooth(?); AND still at 1946 ham talk at S9 to S9+10; and still at 2114 with music. Ted is evidently running marathons all day and all night of QSO or his other shows. Or it's stuck on autopilot. But the 5 MHz frequency holds up surprisingly well here in full daylight with 100? kW brute force (Glenn Hauser, OK, DX LISTENING DIGEST)

5085.001, yes a single Hertz, WTWW nice 8 kHz broadband, talked on amateur radio, and at 0039 UT about Ham Fest and VoA Bethany Ohio transmissions era in 1978 year. S=9+15dB signal in Rochester NY-US, and S=9+30dB in Detroit-MI [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B,schel, df5sx, wwdxc BC-DX TopNews March 10, dxldyg via DXLD)

5085, March 10 at 0634, WTWW-2 is finally off after its all-night and all-day marathons. Nor is it on circa 1330 as before.

9475, 9930, 5830, 5085, 12105, March 10 at 2203, all possible WTWW frequencies are off the air.

5085, UT Sun Mar 11 at 0150, WTWW-2 is on with C&W music, so maybe still on after 0200 for 'Theater Organ in the Ozarx'?

5830, March 11 at 0714 check, WTWW-1 is very poor S7 and undermodulated? Contrary to neighbor 5935 WWCW at S9+10.

5085, 0120 UT March 13, WTWW-2 is on with C&W music; also 24 hours later March 14 with ham show, much stronger than competing ham show on 5130v WBCQ.

5830, March 13 at 0614, WTWW-1 seems off? Or only a JBA carrier as nothing else is listed; but 5085, March 13 at 0618, WTWW-2 is on with C&W music, usual bigsig. Neighbor 5935 WWCW is S9+10 (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 17775, March 7 at 1455, KVOH is on already with jazz prÈlude at S9 --- going to be a good reception day; by 1536 is steady S9+20 with musicalabanza. Expect this to start one UT hour earlier from March 12 due to imposition of DST as much in Cuba as in California; never mind not quite yet in MÈxico. But from 1400v, that will subtract an hour of ionospheric build-up time in the mornings.

17775, March 8 at 1449, KVOH on early again, very poor with music.

17775, March 12 at 1419, KVOH JBA carrier, no better at 1504, but confirmed starting one UT hour earlier for DST circa 1400. Program grid has been revised March 11 to show this: Spanish M/W/F 14-19; Tue & Thu 14-21; including 'Frecuencia al Día' Fri & Mon at 1500-1530; English shifted Sat to 15-19 including 'Wavescan' at 1530-1600 (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 9980, March 7 at 1538, WWCR is OFF instead of BSing, clearing the way for the 9982.5 fax from Hawaii. Did the FAA ever complain about this WOOB broadcaster messing it up? As in EiBi: 9982.5 0519-1600 HWA KVM70 Fax Honolulu 0c nm
The fax is quite strong here, but no comparison to blasting WWCR when it's on. EiBi's readme.txt no longer explains what site ``nm`` stands for. In 2013 when I last logged it, EiBi listed the site as 'k' which under HWA merely meant Honolulu. I vaguely recall there was a real nm place once cited, but can't find it now.

9980 WWCR is still off at 1738 March 7 check; could this mean that WWCR has dropped TOM? Hardly likely. The other three remain: 12160 VG, 13845 & 15825 JBA carriers. WWCR still claims to use 9980 all day, and has put up March 11+ and March 26-May 31 planned transmitter skeds: <http://www.wwcr.com/transmitter-sched.html>

9980, March 7 at 2039, WWCR is still off as it was earlier this morning. I am beginning to wonder if it's because WWCR has finally canceled Brother Scare, who was main programming on this frequency?

5890, March 8 [not March 7 as in original report] at 0645, WWCR also OFF now (while 5935 DGS is S7-S9), which was the major overnight BS frequency.

9980, March 8 at 1331, 1441, 1643, 1751, still off the air.

Program skeds now dated March 1 continue to show long hours for BS on WWCR-4, 9980 and 5890, also some on 7520, 7490, in fact 59 entries altogether, i.e. for each hour on each frequency M-F, Sat, Sun.

Maybe #4 is just broken, which would cause it also to be AWOL for some other programming, e.g. M-F 21-23 on 9980, and 03-04 or 03-05 on 5890, when needs to be checked.

9980, March 8 at 2130, WWCR-4 is not broken, back on with usual bigsig during non-TOM programming, 'Financial Survival', a few seconds ahead of //7490v WBCQ. Also still on at 2229 during something else, but off already at 2257 (while 5935, 6115 are going past 2300, and presumed 13845).

Now it is clear that WWCR has dropped Brother Scare! The long hours he was on 9980/5890 have simply been turned off, as they don't have any other programming ready to replace. BS himself was a bit out of touch during jailing, but afterwards acted as if he did not know that his broadcasts had continued on WWCR unabated (altho with old stuff from someone in The Radio Room). The \$\$\$ finally ran out, or WWCR gave up on getting any more of them after a complimentary extension?? Further chex:

5890, March 9 at 0302, WWCR-4 is on again during the Fulcher hour, YL repeating three phone numbers over and over to Background music, finally starting preaching at 0306.5 demeaning President Lincoln. Next check at 0420, 5890 is off again, so probably active for one hour only.

9980, March 9 at 1518 check, off; 2112 on again at S9+35 for 'Financial Survival' // but not synch with 7490v WBCQ (Glenn Hauser, OK, WORLD OF RADIO 1921, DX LISTENING DIGEST) See also SOUTH CAROLINA

** U S A. 9265, March 9 at 2107, WINB is S6-S8 but the carrier is quite wobbly, obvious with BFO, and not the case on any other 31mb signals. Will this transmitter last until they get their big new one?

Here's what website says about the old one:
<http://winb.com/contact.htm>

``Technical and Coverage Data WINB International Shortwave Red Lion PA

WINB transmits from the town of Red Lion in Southeastern Pennsylvania. Our transmitter is a Continental 417B designed and built in Dallas, Texas. It has a rated maximum output power of 50 kW. The transmitter feeds a Rhombic antenna via an open wire feed line. The antenna is 640 feet long and 110 feet above the average terrain. The principal radiation direction is 242 degrees true, or almost due southwest. Minor lobes exist to each side of the main lobe and to the rear on a bearing of 062 degrees true.

WINB estimated coverage arcs [with map]

The primary coverage arc is for signal levels above 40% of main beam maximum field, which occurs in the main beam direction. The areas marked secondary to the south and northwest are side lobes with fields about 20% of the main beam maximum. The area marked secondary to the northeast of the station is the rear lobe at fields just below the other side lobes.

At the long range, the main beam hits Eastern Australia and New Zealand. The rear lobe hits the Mediterranean area of Eastern Europe``

Nothing found on website about future plans, so how about their Twitter feed link? <https://twitter.com/@SWWINB>

Negligible, nothing since ``12 May 2015! Tweets 10. Following 7. Followers 19`` (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. In a recent QSL, IMF World Missions say they will start shortwave transmissions in the USA later this year on a frequency of 6065 kHz beamed to Mexico, 13570 kHz beamed to Cuba and 9300 kHz beamed to Asia (Patrick Cody, 25 Feb, March BDXC-UK Communication via DXLD) Registered in the HFCC as KIMF with transmitter location at Beowawe, Nevada (ed., ibid.)

?? What was there to QSL as of yet?? KIMF has been registering imaginary schedules for years and years. HFCC A-18 shows about the same for IMF:

```
6065 0100 0600 10 50 138 0 901 1234567 250318 281018 Spa FCC 1176
9300 0800 1200 44 100 313 0 901 1234567 250318 281018 Eng FCC 1246
13570 0000 0400 11 100 108 0 901 1234567 250318 281018 Spa FCC 1383
```

Does this mean they will have two transmitters, a 50 and a 100 which can run simultaneously at 0100-0400? Not necessarily. As we have explained before, Beowawe is between Battle Mountain and Elko, just south of I-80. Anyone traveling by there should check out what is to be seen (Glenn Hauser, DXLD)

** U S A. WSM (Back To?) Normal? For the past few years, WSM-0.650 has been all but non-existent up here in FN42, the Boston area, even when Atlanta's WSB-0.750 is booming in ó I believe I remember seeing somewhere that they were either reduced power or altered pattern (at least at night), due to either transmitter or antenna damage...? Now, for the past couple of weeks or so, they seem to be around and about like the old days! Have they fixed whatever was wrong? (Kaimbridge, March 7, WTFDA gg via DXLD)

That or perhaps WSRO wasn't playing nice at night ;) (Keith, Hingham MA, ibid.)

I visited WSM in Sept. 2016 and everything was running at the full 50 kW. You might be thinking of the studio flooding they experienced a few years earlier, which forced them to abandon their Opryland studio for a few months and operate from the transmitter site? Even then it was at full power, just with makeshift studio space (Scott Fybush, NY, ibid.)

I thought you said "days" which I was going to write off to propagation conditions :)

No, WSM has been on full power with the exception of a few brief periods (a week or less) to paint the tower. As Scott says they suffered a *studio* outage after the 2010 flood but that was repaired years ago (and didn't affect the transmitted signal).

I drive past the tower (more often than I'd like :)) to service our radar site a few miles to the southwest. WSM is non-directional both on the main and backup towers (Doug Smith, TN, *ibid.*)

Yup, that sounds like what I was thinking. Well, then, I guess it is just me! P=) (*Kaimbridge, ibid.*)

** U S A. 720, March 8 at 1308 UT, ``La Hora del Trabajo``, day-job openings with phone numbers, no area codes but 210 presumably understood. Mixing in English and joking around, i.e. KSAH Universal City (San Antonio) TX; mutually nullable with WGN. KSAH now on 10 kW day power from 1245 UT in March; major lobes to the NW and ESE but not a deep null thisaway (*Glenn Hauser, OK, DX LISTENING DIGEST*)

I remember when KSAH was almost city grade in Austin. That ended in the early 2000's, I think (*Gary Ketler, DX LISTENING DIGEST*)

** U S A. 870, Sat Mar 10 at 1309 UT, when I would rather hear XETAR, WWL is still dominant with local weather from WWL-TV, and at 1310 UT ``joining in progress NBC Sports Radio``. This is a `new` network for them, not in the NRC AM Log, presumably only for certain segments, not across the board (*Glenn Hauser, OK, DX LISTENING DIGEST*)

** U S A. 1130, March 10 at 2222 UT, oh2, KLEY Wellington KS is way out of whack again as I was reporting day after day in February, but had not checked it lately after it recovered. I.e. rapid noise pulses at regular rate of about 280/minute, mixed with fragments of carrier with modulation cutting on and off at slower and very irregular rate. Totally bonkers, unlistenable, but who cares, as long as the FM translator is working, maybe.

1130, March 13 at 1922 UT check, KLEY Wellington KS is still SNAFU with carrier cutting on and off and pulses mixing, as I described before.

1130, March 14 at 2040 UT check, KLEY is back in whack with ``The Wave, wheat capital`` slogan, but comes and goes and will likely go out of whack again (*Glenn Hauser, OK, DX LISTENING DIGEST*) it does

** U S A. 1200, March 13 at 2055 UT, weak signal at quiet spot in western Enid on caradio, ad mentioning I-35 exit 186 (which would be Neu Braunfels), i.e. WOAI San Antonio; and then it fades out. So a bit

of skywave this early? I suppose more likely than groundwave, almost 500 miles at mid-band. Or sporadic E.

Despite one guy with a tagline pooh-poohing comparing MF to VHF for Es, I suspect there is a correlation, and more research needs to be done with ionosondes, etc. It needs to be proved that Es has a *lower* frequency limit which is above the MF BC band. It is certainly evident on the lower HF bands. Shortly I was hearing pileups on CB, indicating MUF of at least 28 MHz, and a 6m Es DXmap shows MUF up to 72 MHz over Tennessee/North Carolina by 2225 UT (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 1460, March 10 at 1319 UT, Vietnamese sometimes rises above the SRS mix, loops NNW/SSE. Presumed KCLE Cleburne TX (near Metroplex), which last October as in DXLD 17-42:
<http://www.w4uvh.net/dxld1742.txt>
was believed to be the source of Asian languages, even relaying Radio Free Asia; ex ``the Outlaw`` (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 1620 kHz, March 11 at 0155 UT, loop repeating every 10 seconds: tone, and ``Westwood One, Sports 4``, obviously a satellite channel marker never intended to be put on the air, from presumed KOZN Bellevue (Omaha) NE, listed in NRC AM Log as only with Fox Sports Radio.

This and WTAU College Station TX are the dominant 1620 signals here, and underneath the loop I do hear a scientific discussion, i.e. on WTAU Saturday sked in CT as
6:00pm 9:00pm Science Fantastic with Dr. Michio Kaku
<http://mkaku.org/>
A redeeming quality of this station dedicating 8 hours every weekday to Beck/Limbaugh/Hannity crap (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 1710, R. Ret n, Baton Rouge, LA, 0634 31-Jan-18. Pirate 'Radio Ret n lo Que tienes' with traces of man talking. Music noted at 0657. Second, weaker carrier on 1710.07. Better by 0831 with ID by man, talk in Spanish (Nigel Pimblett, Dunmore, AB Perseus SDR, Wellbrook phased array, March CIDX Messenger via DXLD)

** U S A. 104.3 MHz, FLORIDA, W282CI, Tampa. 1545 GMT March 4, 2018. Translator for 760 kc/s WLCC, Brandon "Radio Luz" Spanish Christian format. Spanish preaching at fair level while driving around west central Pinellas County. Translator is listed at maximum 250 watts, and located south of downtown. Bet this is audible all the way to near Lakeland.
Florida Low Power Radio Stations:
<https://sites.google.com/site/floridadxn/florida-low-power-radio-stations>
(Terry L. Krueger, Clearwater FL, DX LISTENING DIGEST)

** U S A. Eastcentral --- Indiana Public Radio's NPR affiliate/WBST (92.1fm, Muncie) will soon have a new tower. Their current 40-year-old tower will be dismantled. The new tower and current tower are next to each other, just off IN-332, west of Muncie. The new solid steel tower has a Shively three bay antenna, with radomes. Also, WBST purchased a new 5kW GatesAir transmitter, running 3kW, ERP. This new transmitter will succeed WBST's 30-year-old Harris tube transmitter. Finally, WBST will also add a new Orban audio processor. (Indiana Radio Watch 12 March via John Carver, DXLD)

** U S A. PLEASE PROTECT PUBLIC MEDIA FUNDING

Dear Glenn, Thank you for asking your lawmakers to 'go on the record' with their support for public media funding. Your action comes at a critical time. Congress is still working to finalize Fiscal Year (FY) 2018 funding levels for all government programs, including public media funding. Shortly thereafter, Congress will begin working on FY 2019 funding. To protect funding, it will be important to constantly remind Congress that public media is a smart investment to inform, educate and inspire communities.

Here is what is at stake if funding is lost:

Public media funding amounts to .01 percent of the federal budget and several studies confirm there is no private replacement for funding.

Without funding, local stations could be forced off-air or to cut programming and services you trust and value, like: the news, children's educational content and teacher resources, emergency communications, local and cultural programming, documentaries and more.

Many rural areas would lose their only source of local media.

Public media stations are too valuable to lose. However, by working together, we can protect them.

Thank you again for contacting your lawmakers in support of public media funding. We'll be in touch when we need you to raise your voice again.

In the meantime, we encourage you to go to <http://protectmypublicmedia.org/spread-the-word> to enlist fellow supporters in your network to join our cause.

The more voices we can add to the Protect My Public Media Action Network, the greater chance we have of saving funding.

Together, we can ensure the strength of our stations. Sincerely, (The Protect My Public Media Team, March 8, DX LISTENING DIGEST)

** U S A. iHeart Media, which owns over 850 radio stations across the USA, is preparing to file for bankruptcy according to reports as we go to press [in] March. iHeartMedia, previously known as Clear Channel Communications, has debts totalling \$20 billion (March BDXC-UK Communication via DXLD) And so it did by March 16 (gh)

** VIETNAM. Listen, watch and read us using the application <VOV Media> --- We offer absolutely free access to our radio channels: VOV1, VOV2, VOV3, VOV4, VOV5, VOVGT, VOVFM89 and MEKONG

Radio <Voice of Vietnam> continues to develop its mobile application <VOV Media> to meet the growing needs of its audience. Recently the released version of the application allows you to save, listen and remind about the beginning of your favorite radio programs.

We offer absolutely free access to our radio channels: VOV1, VOV2, VOV3, VOV4, VOV5, VOVGT, VOVFM89 and MEKONG. In addition, you can watch our TV channels: VTC1 and VOVTV.

<VOV Media> is a useful and convenient application for smartphones that works without interruptions. It can be downloaded and installed with the help of <CH Play> for the operative system <Android> or in <App Store> for <IOS>. Enjoy our programs!

<http://vovworld.vn/ru-> [and there follows an incredibly long ASCII-garbled URL, evidently transformed into Cyrillic --- gh] (Dmitry Kutuzov, Ryazan, Russia / "deneb-radio-dx" via RusDX 11 Mar via DXLD)

UNIDENTIFIED. Trans-Atlantic JBA MW carrier search March 9 at 0206-0216: 531, 585, 621, 639, 693, 702, 711, 729, 738, 747, 774(2), 801, 837, 855, 882, 909, 936(2), 954, 963, 999, 1044(2), 1053(-), 1089(2), 1098, 1116, 1125(-)(2), 1152, 1179, 1215*, 1296, 1314, 1458, 1503, 1575. *stronger; (2)more than one carrier beating; (-)slightly on the low side (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. Trans-Pacific JBA MW carrier search, March 8, 1255-1304 UT just after today's sunrise of 1252 UT --- I haven't done this in quite a while, as need sleep staying up too late. 774-NW, 702-W?, 693-NW, 612, 594-NW, 828-NW, 846-NW, 882-NW, 936, 1098-W, 1548, 1566-NW. The last, stronger one, presumably KOREA SOUTH is still audible at 1320. Most of the other NW ones correlate with NHK JAPAN. Unlike my evening TA carrier searches, the TPs are done with the wrist-alt-azimuth DX-398 so I can detect the direxions unless just too weak (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 4835, March 10 at 1330, JBA carrier here, so is it SIKKIM, or OzyRadio moving in from 5045? Also a JBA carrier on 5055, presumed 4KZ. Awaiting word of what Ron Howard was hearing today; on March 8 and 9 he had nothing on 4835 (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 4850v, March 10 at 1333, two JBA carriers beating. One is surely PBS Xinjiang, Urumqi in Kazakh service, but nothing else is listed here. Could be a 5 x 970 harmonic. This during a 60m bandscan upturning many Sino-Indo-Tibetan-East Turkistani frequencies.

4900v, March 10 at 1334, similar beat of two carriers here, one of which is certainly the listed Voice of Strait, Fuzhou, China. Could also be harmonic, 5 x 980 (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 5010, March 8 at 1252, JBA talk, WRMI test? Not // 9395 Oldies music. Maybe it's just India. Ron Howard reported yesterday:

``March 7 - What is happening on 5010? WRMI is scheduled to start broadcasting here later this month, so are they testing now? If so, heard with very poor signal. Thanks go to Dave Valko, who first noted them at 1030 and commented "I would think WRMI would be stronger, but it's nowhere near as strong as 5025 Rebelde." I certainly agree, the signal was not what I would expect from WRMI.

My monitoring of 5010 started today at 1128, with pop song; 1130 went to dead air (only a carrier) till tuned away at 1142; at 1204 news followed by ID at 1209; not very readable, with poor to very poor reception. 1233 could make out WRMI with music, along with faint AIR Thiruvananthapuram underneath (seemed their usual news in English); at 1243 WRMI played Rod Stewart's "Da Ya Think I'm Sexy," with AIR again being heard underneath and both very poor.

Dave and I are wondering about this reception today, as last month he noted a pirate (USA) on 5010. This is not a hoax, right?

Dave later informed me "found 5010 parallel to 9395 WRMI at 1257," so must indeed be WRMI testing, but not doing very well.

After my hearing WRMI today testing on 5010 kHz, I emailed Jeff White, asking about my reception. He has kindly responded with:

"Hi Ron. I'm amazed that you were able to hear 5010 in California. Yes, we were doing some low-power testing on that frequency. We'll be back there sometime after the start of A18. All the best. Jeff WRMI Radio Miami International"`` (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 6135, March 8 at 1340, trace? of modulation on S6-S8 carrier. I vacillate whether to attribute this to MADAGASCAR long-path, wondering if something in Korea or E Asia could be source.

6135, March 10 at 1340, S4-S7 carrier with some noise jamming in background. Continue to wonder if the carrier is really part of the jamming transmission, or Voice of Freedom, which is also varying further below 5920; see KOREA SOUTH; rather than Madagascar RNM longpath. How early is this audible? (Glenn Hauser, OK, WORLD OF RADIO 1921, DX LISTENING DIGEST)

UNIDENTIFIED [and non]. 6755.5-USB, March 10 at 1352, again something 2-way in tonal Asian language, too close to Trenton Military, CHR on 6754-USB --- except no VOLMET heard from it now; nor on 15034-USB. Latter is JBA at 1744 with ``no report received`` from Halifax (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 15490, March 9 at 2116, discussion in English about corruption influencing the 2018 Brazilian elections --- nothing listed, but BBC in Hausa via ASCENSION extended Fridays only until 2030. Apparently they are leaving it on longer for some English. Should have tried // 11810 (Glenn Hauser, OK, DX LISTENING DIGEST)

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UNSOLICITED TESTIMONIALS  
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ACKNOWLEDGED ON WORLD OF RADIO 1921:

Thank you Glenn for all you do (Gilles Letourneau, Quebec, with a contribution via PayPal to woradio at yahoo.com)

One may also contribute by money order or cheque in US funds on a US bank to: Glenn Hauser, P O Box 1684, Enid OK 73702

TO BE ACKNOWLEDGED FUTURELY:

I enjoy listening on 7730 at 19:30 EST Monday Feb 12 from Winterhaven, CA (John Anderson, via PayPal)

Thanks also to Jeff Murri, contribution via PayPal (gh)

Thanks also to Chuck Ermatinger, contribution via PayPal (gh)

Great show. Keep up the good work (David Cheever, via PayPal to woradio at yahoo.com)

Thanks for keeping DXLD at the forefront of DX info. Cheers from the beach (Dan Sheedy, Moonlight Beach CA)

#### PUBLICATIONS

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#### DX/SWL/MEDIA PROGRAMS

Updated as of March 10 previewing DST changes imminent in Cuba, Canada, USA, but which will need to be confirmed by monitoring or consulting updated schedules once available:

<http://www.worldofradio.com/dxpgms.html>  
(Glenn Hauser, DX LISTENING DIGEST)

Hi Glenn, my latest HITLIST UPDATE  
<http://www.w4uvh.net/hitlist.htm>

1) UTC offset notations amended for R Progreso & R Rebelde (Cuba) and VOA (USA)

2) Spain - R Mi Amigo International: Added links to new domain and new Facebook page. (Thanks to Mike Barraclough in WOR iog for initial tip). Original domain and Facebook links archived & retained in case of later re-activation.

Next update is expected to be 25 March at time of DST changes in Europe and elsewhere. Best wishes and 73 (Alan Roe, March 11, DX LISTENING DIGEST)

#### HFCC A-18 SCHEDULES NOW ONLINE

<http://www.hfcc.org/data/a18>

At a quick glance, I haven't seen any cuts from BBCWS, although transmitter sites have been shifted around for some time slots. There may be a number of wooden/alternate frequencies; guess we'll know for sure on March 25 (Stephen Luce, Houston, Texas, March 13, WOR iog via DXLD) See also AUSTRIA

#### 101 LANGUAGES

<http://www.101languages.net>

The webmaster states iThis site is an ongoing project started by me in 2005. Its primary aim is to serve as a resource for various languages. I have added various materials over the years and look forward to adding further stuff in the future. I recognize that some of the languages don't have much useful information about them, but

eventually I would like to change that!î

#### MUSIC GENRES LIST

<http://www.musicgenreslist.com/>

The most comprehensive list of genres of music available on the Internet: Music comes in many different types and styles ranging from traditional rock music to world pop, easy listening and bluegrass. Many genres have a rich history or geographical significance, a cult following or music roots that go far beyond the 20th century. The Music Genres List site covers many of the most popular styles of music, the site is becoming the definitive list of music genres on the Internet ñ thanks to you ñ and if you feel any music genres are missing (we're sure there are many!) please send an email to [add@musicgenreslist.com](mailto:add@musicgenreslist.com) and we'll add to get closer to completing the music list of genres

(both via Sheldon Harvey, ed., of the March Radio HF Internet Newsletter, Archived editions from May 2005 to the most recent may be found at:

THE RADIO H.F. INTERNET NEWSLETTER YAHOO GROUP

<https://groups.yahoo.com/neo/groups/hfnewsletter/info>

#### NORTH AMERICAN MW PATTERN MAPS

This might be helpful.

[http://www.nf8m.com/pattern\\_maps/US-CA\\_nighttime/N-map\\_1300KHz.html](http://www.nf8m.com/pattern_maps/US-CA_nighttime/N-map_1300KHz.html)

(Dennis Gibson, Sent from my iPad, IRCA via DXLD)

As of Jan 2015. Or nighttime directory for each frequency:

[http://www.nf8m.com/pattern\\_maps/US-CA\\_nighttime/](http://www.nf8m.com/pattern_maps/US-CA_nighttime/)

Daytime:

[http://www.nf8m.com/pattern\\_maps/US-CA\\_daytime/](http://www.nf8m.com/pattern_maps/US-CA_daytime/)

Homepage with explanations:

<https://www.nf8m.com/nf8m/us-medium-wave-pattern-references/>

(Glenn Hauser, DX LISTENING DIGEST)

#### SHORTWAVE RADIO ARCHIVE

Reading Meeting Report --- Reading International Solidarity Centre (RISC) in London Street is the regular venue for our meetings, and the first meeting of 2018 was on Saturday 3rd February with Chris Gibbs, Chris Greenway, Andy Grimshaw, Stephen Howie, Ian Kelly, Dave Kenny, Mark Palmer, Alan Pennington, Jon Ryland and Edwin Southwell attending. We missed usual meeting organiser, Mike Barraclough, and send him our best wishes for a full recovery. In Mike's absence, Chris

Greenway hosted the meeting which covered a variety of broadcasting topics.

Chris then introduced us to the Shortwave Radio Audio Archive (SRAA) whose aim is to be a place where shortwave radio enthusiasts can store, archive and share their radio recordings with the world. Established by Thomas Witherspoon, the first recording was uploaded in December 2011 and there are now many historic and current recordings accessible from the site.

You can also upload your own shortwave recordings; the procedure is simply explained on the website at:  
<https://shortwavearchive.com/>

We listened to some of the archived recordings, firstly off-air recordings from December 1977 and January 1978 of Radio Moscow news bulletins (announcing 201 and 227 metres) with news of the Soyuz 26 space mission. These recordings were made by self-proclaimed ispace-flight nut Colin Anderson who made daily Radio Moscow MW recordings during the mission on reel-to-reel tape which have now been digitised and uploaded to SRAA. And current recordings of Radio Guinea on 9650 kHz and All India Radio New Year Special (on 31st December 2017) were also played.

Thomas has also founded a separate related site which digitally preserves and preserves [sic] recordings of whole parts of the radio spectrum: a time capsule of radio which can be tuned today as if you were tuning the bands years ago! Most spectrum recordings were made using software defined receivers (SDRs) from 2005 onwards, but there are some earlier spectrum recordings made using HiFi VCRs dating back to 1986. There is 6-minute demo of Radio Spectrum Recordings on the website at:

<http://spectrumarchive.org/>

(Alan Pennington, March BDXC-UK Communication via DXLD)

#### BDXC AUDIO CIRCLE

After a lull since last summer, BDXC Audio Circle has burst back into life with two new programmes being released, in February and March. These are the follow-ons from the programme presented by Stephen Howie last August. A big thank you to Stephen for taking time out of his busy day job and other roles as a DJ to produce these. Both are now available to listen to and/or download at <https://tinyurl.com/audiocircle1> and <https://tinyurl.com/audiocircle2>

It's great that members are contributing again to Audio Circle. The date of the next programme depends on members sending their audio contributions. You can send an mp3 or other audio file, a link to

Dropbox, or even a contribution on a CD, to Chrissy Brand.

You can also hear Stephen's long running Grooveline show, playing soul, jazz funk and soulful house. For full listings of when and how you can hear Grooveline, see <http://www.groovelineonline.com> (March BDXC-UK Communication via DXLD)

WORLD OF HOROLOGY  
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SPRINGING AHEAD FOR DAYLIGHT SAVING [sic] TIME MAY CONTRIBUTE TO  
HEALTH PROBLEMS, CAR ACCIDENTS

Mari A. Schaefer, Staff Writer

Updated: Thursday, March 8, 2018, 10:43 AM

<http://www.philly.com/philly/health/spring-daylight-saving-time-move-clocks-ahead-20180308.html?amphtml=y>

Daylight saving [sic, thruout] time starts Sunday at 2 a.m., which means we get another hour of natural light at the end of the day -- and lose an hour of sleep we won't get back until November.

Most people can easily adapt to the change -- provided they remember to turn their clocks ahead before bed. But others have a harder time.

"We are essentially forcing our bodies to advance their internal biological rhythm," said Karl Doghramji, medical director of the Jefferson Sleep Disorders Center at Thomas Jefferson University Hospital.

Dr. Karl Doghramji, Medical Director, Jefferson Sleep Disorders Center  
[caption]

An hour might not sound like much, but many of us don't sleep enough to start with.

About 40 percent of American adults do not get the recommended seven hours of sleep a night, according to the U.S. Centers for Disease Control and Prevention.

Adults who had less than seven hours of sleep in a 24-hour period were more likely to report problems with 10 chronic health conditions, including heart disease, diabetes, obesity, asthma, and depression, compared with those who slept seven or more hours, according to Michael

S. Jaffee, a neurologist at the University of Florida [caption]

There is also a small increase in fatal accidents on the Monday after the shift to daylight saving time, according to a Stanford University study, which analyzed 21 years of accident data. The impact is also seen after the autumn time change, when drivers may use the extra hour to stay out later. Researchers believe that increase can be attributed to more drunken drivers on the road.

A University of Pennsylvania study found that the end of daylight saving each fall is linked to a short-term increase in the assault rate.

Seniors and people on certain medications have more difficulty making the change, Doghramji said.

And so do children and teens. Kids ages 6 to 12 years should get nine to 12 hours of sleep a day. Teens 13 to 18 years should sleep eight to 10 hours daily, according to the American Academy of Sleep Medicine. A full night's sleep improves attention, helps with memory, behavior, learning, and improves quality of life.

Teens, if you can persuade them, should try to wake up a few minutes earlier in the days leading up to the change, Doghramji suggested.

"Chances are they are not going to do it," he said. And if you insist on an early bedtime, that doesn't mean they'll be able to fall asleep, he noted.

But it's not their fault -- teens are biologically programmed to go to bed later and sleep later. No less an authority than the American Academy of Pediatrics has urged that middle schools and high schools start no earlier than 8:30 a.m., a plea that hasn't been heeded in many places.

"Teens have a sleep debt of two hours a night," said Amy Norr, a coleader of the Lower Merion Start School Later chapter and a member of the Regional Adolescent Sleep Needs Coalition.

"All of us will lose an hour, but for teens, their circadian rhythm changes at puberty, so the earliest they can fall asleep is later than 11 p.m.," Norr said. "They can't help it. It's biology."

Monday morning after the time change will be particularly tough on teens, Norr said.

If you are having trouble adjusting to the time change, the National Sleep Foundation recommends you go to sleep and wake up at the same time every day, avoid bright lights in the evening, and get some sunshine in the morning. Only use the bedroom for sleeping and sex,

not for work or television-watching. Consider adopting a bedtime ritual like a warm bath. Regular exercise will also help sleep patterns.

On March 12, Wendy Troxel, a licensed clinical psychologist and certified behavioral sleep medicine specialist at the University of Pittsburgh, will discuss later school time and promoting sleep health in adolescence. The free event will be from 7 to 8:30 p.m. at Radnor High School and is open to the public (via Mike Cooper, DXLD)

#### EUROPEAN CLOCKS LOSE SIX MINUTES AFTER DISPUTE SAPS POWER FROM ELECTRICITY GRID

A row between Kosovo and Serbia is draining energy from the continent's 25-nation system, causing electronic clocks to fall behind

Guardian staff and agencies

Wed 7 Mar 2018 20.46 EST Last modified on Thu 8 Mar 2018 17.00 EST

Shares 885 Comments 251

The problem has affected devices such as radio alarms and oven clocks that depend on the power system's frequency to keep time. Photograph: D. Hurst / Alamy/Alamy [caption]

Europeans who have been arriving late to work or school in recent weeks have more than just the bad weather to blame. The real reason is an unprecedented lag in the continent's electricity grid that is causing some clocks to run too slowly.

The problem is caused by a political dispute between Serbia and Kosovo that is sapping a small amount of energy from the local grid, causing a domino effect across Europe's 25-nation synchronized high voltage power network spanning the continent from Portugal to Poland and Greece to Germany ...

<https://www.theguardian.com/world/2018/mar/08/european-clocks-lose-six-minutes-dispute-power-electricity-grid>  
(via Eric Flodén, DXLD)

IN 25 COUNTRIES IN EUROPE, WATCHES IN MICROWAVE AND RADIO RECEIVERS BEGAN TO GO SLOWER. LIKE THIS?!

<https://meduza.io/feature/2018/03/06/v-25-stranah-evropy-chasy-v-mikrovolnovkah-i-radiopriemnikah-nachali-idti-medlennee-kak-eto>

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Residents of Europe found that electronic watches in their household appliances suddenly broke down: time for them began to lag behind the real one for a few minutes. For example, the Slotech forum in Slovakia

reported a malfunction in the clock installed in radios, ovens and alarm clocks. One of the users said that he even thought about changing his alarm clock because of a malfunction.

Users noticed that the alarm clocks on the batteries continued to work normally, and they assumed that the malfunction caused the work from the mains.

ENTSO-E, the European network of transmission system operators, announced on March 3 that "significant deviations" have been observed in the continental electricity grid since mid-January. They led to a slight decrease in the frequency of alternating current in the sockets, and this just entailed a slowdown of the clock running on the mains. The consequences were manifested in 25 European countries.

The fact is that in some household appliances permanently connected to the mains (like the same microwave ovens), the time is counted using the frequency of the alternating current, rather than the quartz generator. The current frequency in European outlets stably holds at around 50 hertz; the system suffices this indicator to count the course of time (the "initial" position at connection is set by the user).

In fact, the frequency varies slightly during the day, but usually its reductions are compensated by the increases, and on average the hours show the correct time. However, due to deviations in the European electric network, the average frequency was 49.996 hertz; hours since January have accumulated a backlog in six minutes.

On 6 March, ENTSO-E announced that a power failure occurred on the territory of Serbia and Montenegro, in particular in Kosovo. Because of this, the organization stresses, 113 gigawatt hours of energy is "lost".

ENTSO-E believes that the reason for the disagreement was the disagreement between the authorities of Serbia and Kosovo. The organization announced that, in addition to technical measures to restore the correct frequency in the power grid, political steps on the part of the EU countries are needed.

To correct the deviation of time, ENTSO-E intends to launch a "compensation program". Users can also reset the time themselves - but they will have to repeat the operation when the frequency in the mains is restored. --- Sultan Suleymanov

(from <https://vk.com/dxing> via RusDX 11 March via DXLD)

CONVENTIONS & CONFERENCES

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## NASWA WINTER SWL FESTIVAL

Welcome to the March 2018 CIDX Messenger. This month's edition will be a colourful one, loaded with photos from the 31st Annual NASWA Winter SWL Festival. A spread of photos follows this column. This year's event, held March 1st, 2nd and 3rd in Plymouth Meeting, Pennsylvania, will definitely go down in the books as one of the most memorable, and one of the most challenging.

The official kick-off to the weekend's activities took place on Thursday afternoon with the opening of the registration desk and the exhibition hall and continued with a number of afternoon and evening sessions, including the 1st annual Winter SWL Fest Trivia Contest, organized by yours truly, ably assisted by CIDX VP Mickey Delmage. By the end of the evening we had crowned John Figliozi of Clifton Park, New York as the first ever iWinterfest Trivia King, with Rich McVicar (HCJB) as the runner-up. It was a fun evening with lots of challenging questions. Thanks to all who participated. We'll see if John returns to defend his crown next year.

Sheldon Harvey presents John Figliozi with his 1st place certificate and an ARRL Handbook as his prize for becoming the 1st Winterfest Trivia King [caption]

Friday began like any other Winterfest day, with a full slate of sessions, including a screening of the film iSpectres of Shortwave by Amanda Dawn Christie, an award-winning documentary about the Radio Canada International transmitter site in Sackville, New Brunswick. Amanda was on hand to provide insight and to answer questions about the film.

There were rumblings on Thursday evening into the day on Friday about some incoming weather; snow, rain, heavy winds, etc. Sure enough, around the lunch-hour, snow started falling, heavily, and the winds picked up. The lights flickered a few times early in the afternoon and, then, at approximately 2:45 pm, the lights went out and the emergency power in the hotel kicked in. Surely things would return to normal shortly. Not so! The hotel and the immediate area surrounding the hotel was blacked out and full power would not return until 8 am - -- on SUNDAY MORNING!

What to do? A power outage, wind, snow, sleet and rain would not stop the Winterfest from happening. With the assistance of the staff and management of the Doubletree Suites, we were able to proceed with all of the scheduled events for the rest of the weekend. We had to get creative, though, and thanks to the generators at the hotel being able

to provide a few working electrical sockets in the conference room, and at least one functioning light in each of the hotel rooms, events went on, on schedule as planned, and a great time was had by all. We even survived the cool rooms and cold-water showers!

The hotel staff managed to supply breakfast Saturday and Sunday, plus they prepared the Saturday evening banquet, held in an open-space mezzanine level of the hotel, with candle-lit tables to add to the charm!

One of the more memorable events for CIDX members was the impromptu Friday evening dinner. Normally we would have ventured off to Lansdale, PA to Valentino's Bistro for our annual get-together, but they were without power and closed for the evening. Many of the immediate area restaurants were also shut down and the road conditions were horrible in the area, with many downed trees and power lines.

CIDXer Janice Laws discovered that a Zoe's Kitchen, a restaurant across the street towards the mall was open and was cooking up food. Braving the elements, Janice and CIDXer Eric Cottrell headed out to see what they could find. Texting with Mickey Delmage back at the hotel, Janice and Eric were able to co-ordinate an order of take-out food to feed a hungry group of 8 CIDXers. Back at the hotel we had grabbed an exhibit table and chairs and set up under one of the emergency lights outside the exhibit hall. With plates and utensils in hand, Janice and Eric returned from the wintry outdoors with brochettes, fatouche salad, garlic roasted potatoes, grilled vegetables, pita bread and hummus. Eric supplied the Snapple. What a wonderful impromptu get-together. We were certainly the envy of many passers-by.

Saturday evening wrapped up with the annual banquet, the keynote speech given by Amanda Dawn Christie. A great selection of door prizes was handed out.

As I have done for many years now, I was called upon to present the iIn Memoriam ceremony where we remember and pay our respects to those in our hobby, as well as those in the radio broadcast industry, who have passed away over the last year. Since beginning this activity several years ago, I have been, respectfully and jokingly, tagged as iThe Grim Reaper. Well, this year I had a surprise waiting for me. Ed Mauger, one of the helpful hands each year at Winterfest, unveiled an actual iGrim Reaper costume, complete with a scythe! No doubt this will now become an annual tradition. [see below for obits, based in part on DXLD info]

The final event of every Winterfest once again took place at Midnight with the annual appearance on the radio of The Voice of Pancho Villa.

Radios throughout the hotel were tuned to a variety of FM and shortwave frequencies. The content of this year's broadcast dealt heavily with a certain orange-haired personality occupying Washington, DC's White House. What a surprise!

It was great to meet up with so many old friends, many of them CIDX members, as well as a handful of first-time Winterfest participants. It was certainly a year like no other. Many compared the challenges of bad weather and no power to that of an amateur radio Field Day activity. On behalf of all CIDX members in attendance, we'd like to thank organizers Richard Cuff and John Figlioizzi and their team of assistants, as well as all the presenters at the forums, who managed to pull it all together under extreme circumstances. It is a testament to the dedication and perseverance of all in attendance this year who, without complaining, endured the bad weather, power outage, cold rooms and cold showers, to provide an entertaining, informative and fun weekend. We are all looking forward to the 32nd annual event next March.

The people and faces of Winterfest 2018 [captions]

Richard Cuff & John Figlioizzi CIDX VP Mickey Delmage

Thomas Witherspoon Janice Laws John Fisher

Allan Loudell Dan Srebnick Eric Cottrell

Thomas Witherspoon Janice Laws John Fisher

Allan Loudell Dan Srebnick Eric Cottrell

Dan Robinson Skip Arey Amanda Dawn Christie

Brian Penney

Nisar Ahmad & Dean Bianco Joe DiMaggio, Art Arnold & Paul Kaltenbach

Chris Lobdell, Larry Will & George Zeller Saul Broudy Alan Roberts

CIDX Display with Brian Penney & Sheldon Harvey?

WINTER SWL FESTIVAL 2018 ñ IN MEMORIAM

The following was presented by Sheldon Harvey in the annual "In Memoriam" segment of the March 3rd Saturday evening banquet at the 31st annual NASWA Winter SWL Festival in Plymouth Meeting, PA. The annual ceremony remembers and pays tribute to those in our radio hobby, and those in the radio broadcasting industry, who have passed away during the past year.

Hank Bennett ñ October 18, 2016

Hank Bennett passed away in Harvey, Louisiana. He was 92. For many, he was our introduction to SWling, through his Popular Electronics and Newark News Radio Club columns. And who could forget the WPE callsign program he managed for many years. There was a time when he was one of the biggest names in the hobby. He was also one of the authors of The Complete Shortwave Listeners Handbook.

Steve Lare ñ January 30, 2017

Steve, age 63, died at his home in Holland, Michigan, of natural causes. After high school he joined the US Navy and sailed on the U.S.S. Richard L. Page and was later assigned to NAVCOMMSTA at Diego Garcia, Indian Ocean. Steve was very active in the Amateur Radio community and built his first ham radio at the age of 8. Steve was a licensed amateur radio operator: W6SWL, formerly N8KDV. He was a member of NASWA (North American Shortwave Association) for over 35 years and had earned numerous awards. His is best known for earning his Master DX Centurion award (220 country endorsement). He was also a founding member of the Michigan Area Radio Enthusiasts in 1983 and wrote the QSL verification column for years.

Arthur Ward ñ July 2017

Many of you may recall Arthur's essential role in the World DX Club as printer, then club secretary and editor of eContact from July 1974 until the World DX Club closed in 2012.

Paul Swearingen ñ September 22, 2017

Director and past chairman of the NRC Board of Directors, Paul published the NRC's DX News, magazine for over 22 years, from 1988 to 2010, and has been an active DX'er since the middle '50's, Paul was a secondary school teacher for years and was involved in radio during his college years and into the early '70's, doing everything for several stations in eastern Kansas.

His involvement with the NRC started in 1975, and in the late '70's he volunteered to edit "International DX Achievements" and the yearly DX News index. He took over Musings of the Members from the legendary Ernie Cooper in 1982 while living in California and eventually became editor and publisher of DX News. Other radio-related hobbies for Paul included collecting radio station mugs (at NRC conventions, which he's attended regularly since the '80's; he's known as "Mr. Coffee"), radio refrigerator magnets, selected air checks, and multi-band portables. Paul, 72, passed away in Topeka, Kansas after a courageous battle with cancer.

Marlin Field ñ September 28, 2017

Marlin Alva Field, 92, of Hillsdale, Michigan, was a short-wave radio enthusiast. At various times, the North American Shortwave Association recognized Marlin as the top "DXer" in the United States, having heard and verified broadcasts from the most countries (over 200). He was interested in religious stations and was into QSLing. He had been a

member of NASWA for over 50 years.

Mike Stonebridge ñ January 21, 2018 ñ via Nick Hall-Patch

Mike Stonebridge, a long time IRCA member, passed away in hospital in Peace River, Alberta. He had DXed for many years from Peace River until age and illness caught up with him. He was a regular contributor to the NRC AM Station Log. Those who attended past IRCA conventions in the west will likely remember him.

Stewart MacKenzie ñ February 10, 2018 ñ via Glenn Hauserís DXLD

Stewart's wife Evelyn announced that he passed away sometime last night. He had been in the hospital and just when he was about to be discharged for home, he experienced complications and was retained for a while, then sent home with hospice care. His absence leaves a large hole in the shortwave radio universe.

BROADCASTERS/PERSONALITIES/ETC.

Bob Robertson ñ March 19, 2017

Bob Robertson, who with wife Linda Cullen formed the comedy team behind the CBC radio hit series Double Exposure, died at age of 71 in British Columbia.

Brian Matthew ñ April 8, 2017

Longstanding BBC Radio 2 presenter Brian Matthew passed away at the age of 88. In the 1950s, he was on British Forces Broadcasting Service, also on Radio Netherlands Worldwide. Matthew, who was once dubbed Britain's oldest DJ, stepped down from the popular programme Sounds Of The 60s after 27 years in February because of ill health. Matthew started broadcasting in 1948 in Germany and trained as an actor before joining the BBC in 1954.

Neil Chayet ñ August 11, 2017

Longtime WBZ personality Neil Chayet died at 78 years old. Chayet was the voice behind the popular Looking at the Law segment. Heard on WBZ NewsRadio 1030, the segment featured Chayetís signature words iThis is Neil Chayet ñ Looking at the Law!î After 42 years on air, Chayet retired in June. He recorded more than 10,000 episodes of Looking at the Law during his career.

Jay Thomas ñ August 24, 2017

Actor, comedian and radio talk show host, most recently on Sirius/XM,

passed away from cancer.

Randi Steele (aka Randall Ripley) ñ September 9, 2017

Randi Steele, 62, of Woodstock, New York and founder of WIOF-FM, Radio Woodstock, also of WBCQ-The Planet, passed away. She was a legend in the community radio world and a good friend to all. She is survived by her devoted partner, Felicia.

Rick Shaw ñ September 22, 2017

For 51 years Rick Shaw's resonant and melodious voice echoed through the airwaves ó from St. Louis to Omaha to Denver and finally to Miami, where he spent most of his career spinning vinyl and playing oldies, goldies and rock 'n roll. In 1964, while he worked for WQAM, Shaw was the first radio disc jockey in South Florida to play the Beatles. He met them later that year in Jacksonville.

Bill Wilkerson ñ November 2, 2017

Bill Wilkerson, whose animated baritone voice highlighted St. Louis radio for more than 35 years, died after collapsing at his home in Florissant. He was 72. Wilkerson first gained popularity when he joined KMOX-AM 1120 in 1969. He would go on to become a morning-drive host. He became a household name, at least in sporting homes, when the station made him the play-by-play announcer for St. Louis Cardinals football. He covered the team from 1973 until the team left for Phoenix after the 1987 season.

Jan Wood ñ November 20, 2017

Jan Wood, age 78, passed away at MS Care Center. Jan, a 7-year member of the United States Air Force and Army, was part of the U.S. Voice of America Broadcasting Unit spending 37 years working for the government from the home base of Germany. Jan was called the "Voice of America" in Europe and soldiers loved to listen to his voice every morning when he spoke the news.

Lou Adler ñ December 22, 2017

New York City radio legend Lou Adler died in Connecticut. He was 88. He started as a news anchor for WCBS-AM in 1967 when they turned all news in August of that year. For years he was half of a celebrated morning team at WCBS Newsradio 880. Combining Adler's commanding style and the late Jim Donnelly's folksy charm, they set the standard for all news stations around the country from the 1970s and early 80s. Adler helped shape the news radio format and became head of news operations at the station in 1971. Shortly after that, he served as

news director from 1973 until 1981.

Dick Orkin ñ December 24, 2017

Dick Orkin, an award-winning radio advertising creator for close to a half-century, was perhaps best known for his syndicated iChickenmanî spoof, which aired initially on Chicagoís WCFL-AM and later on WLUP-FM. The serial of 20-minute-long episodes chronicled the adventures of ithe most fantastic crime fighter the world has ever known,î an intrepid if incompetent crime fighter out to save the denizens of the fictitious Midland City. Born in Williamsport, Pa., Orkin started his radio career as a fill-in on-air personality at WKOK-AM in Sunbury, Pa. Orkin worked for a time as a news director at WLAN radio in Lancaster, where he also worked as a farm reporter. Orkin later joined KYW Philadelphia, working in its public affairs department. In 1965, he was hired Orkin as the stationís production director.

Peter Nijdens, aka Peter Brian & Peter van Dam ñ January 6, 2018

Peter worked for Radio 199, Radio Caroline, Radio Atlantis, Radio Mi Amigo and numerous other stations between 1972 and 2017 died at the age of 65. He was the number one deejay from Belgium for many decades.

Joe Frank ñ January 15, 2018

His radio monologues on SANTA MONICA COLLEGE Triple A-News-Talk KCRW ranged from humorous to surreal and served as an influence for many broadcast storytellers. Joe died at the age of 79. He began his radio career in 1977 at PACIFICA non-commercial Variety WBAI/NEW YORK, trying out the monologues that would become his trademark on the show "IN THE DARK." He then joined NPR in 1978, writing and performing on "NPR PLAYHOUSE" and anchoring "WEEKEND ALL THINGS CONSIDERED." In 1986, he moved to KCRW, where his "JOE FRANK: WORK IN PROGRESS" and subsequent shows ran through 2002.

Tom Taylor ñ January 2018

European Music Radio's founder and short wave legend Tom Taylor, also known as Barry Stephens. For many dedicated SW free radio enthusiasts, E.M.R. was the station in the late 1970s and 1980. He indeed was a short wave legend. To many learning the art of Pirate Radio Broadcasting in the South East of England in the 1970's, Tom was "The Governor" .EMR was a class station, probably the best Short Wave Pirate in the late 70's. Barry and his colleague Roger Tate were legends. Tom was also a really nice guy who helped us so much. He fixed our transmitters and taught us how important good modulation was.

Dick Saunders ñ January 2018

Dick was the host of the popular Gospel radio show "Way to Life" on Trans World Radio which ran for over 50 years. He was one of TWR Monte Carlo's evangelists...broadcasting to Europe on mw during the 1980s and on shortwave until 2004.

Arthur Black ñ February 21, 2018

The humorist and former CBC Radio host died at age 74 after being diagnosed with pancreatic cancer. Basic Black was a Saturday morning staple on CBC Radio for 19 years, ending in 2002 when he retired. It was one of the network's most popular variety shows, heard by 600,000 listeners every week.

Gone --- but not forgotten (Sheldon Harvey, March CIDX Messenger via DXLD)

DX-PEDITIONS

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BORDER INN UPDATE

Last year's Border Inn recordings are (obviously!) taking forever to review. I've finished reviewing 89 out of 118 recordings (all are for 130 [sic]-1730 kHz except in cases of operator error!) and have listened to a bit of most of the other 29. I've found 155 new catches so far, and I'm still finding some gems.

On my recordings from the (once again very auroral) HS FB? night, I've found 2 really nice new ones this week:

1410 KNVR San Saba TX (listed 203w nights) with San Saba Armadillos.

1500 KPGM Pawhuska ?OK (cheating 500w daytimer on 35 minutes after FCC sunset time) with apparent halftime local ad break including a clear full-minute spot for Pawhuska Hospital.

I hope to publish a full report sometime around the middle or end of April, about twice as long as the partial reports I published for club bulletins around the end of October. It will be packed with low-power domestic logs, and will feature (at least) 3 new countries (Antigua, Venezuela, Argentina), 7 more Mexican states (some of which had to be identified by weeks of early-morning web stream monitoring after I got home), and 2 new US states (MS and FL).

[about MEXICO: moved in this issue to that country heading]

Now that I'm more up to speed on places like Cuba (about 64 Cubans logged from the Border Inn), I'd be smart to review my numerous 2015/2016 recordings again; but when? I've also got 3 years of LW recordings now, of which I've only listened to 1 or 2% so far.

For those who are not familiar, the Border Inn is a great location I discovered back in 2002. It's an inexpensive motel with great food on US highway 6/50 at the Nevada-Utah border, and I can run BOGs in any direction from 350 degrees clockwise to 170 or even 180, DXing from the comfort of my car. Northerly wires go across the highway, secured with extra strength duct tape!

In only 19 nights of DXing there between 2002-2017, I have already surpassed my totals from 41 years of DXing from the San Diego area, 1445 stations vs. 1416. I used a Sony ICF-2010 in 2002/2003, a Perseus with a slow laptop that could only record 400 kHz at a time in 2013/2014, and a fast laptop capable of recording 1600 kHz at a time in 2015/2016/2017. It's like a DX time machine, kind of taking conditions back to the "pretty good old days" of the early to mid 80s.

Only 2 AM stations within 100 miles, and not much noise as long as they don't fire up an old electrical substation across the highway. 73 (Tim Hall, CA, Sent from my BlackBerry 10 smartphone, March 12, ABDX yg via DXLD)

DIGITAL BROADCASTING --- DRM See KUWAIT; ROMANIA; USA: FCC application  
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DIGITAL BROADCASTING --- DAB See UK  
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DIGITAL BROADCASTING --- DTV See MEXICO  
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RADIO EQUIPMENT FORUM  
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XH Data D-808

[re DXLD 18-10:] DAVID DUCKWORTH advises that the XH Data D-808 portable receiver featured in February Communication (page 23) is a re-badged version of the C. Crane CC Skywave receiver which received a good review in the 2016 WRTH. It's also apparently similar to the poorly reviewed Digitech AR1733 which is sold in Australia and New Zealand by Jaycar. (see review in WRTH 2016 page 10-11). (March BDXC-UK Communication via DXLD)

TREVOR BAYLIS, INVENTOR OF A RADIO POWERED BY MUSCLE, DIES AT 80 - The

New York Times

<https://mobile.nytimes.com/2018/03/07/obituaries/trevor-baylis-inventor-of-a-radio-powered-by-muscle-dies-at-80.html>

(via Mike Cooper, DXLD)

We already had several obits in last issue, but this one goes further with a lot more interesting info about him (gh, DXLD)

#### ARRL REPURPOSES AM BROADCAST TRANSMITTER FOR HAM RADIO USE

ARRL 03/07/2018

Thanks to a joint effort by ARRL and the Vintage Radio and Communications Museum of Connecticut (VRCMCT), a classic Gates BC-1T AM broadcast transmitter will enjoy a second life on the Amateur Radio bands for occasional use under W1AW or under the ARRL Headquarters Operators Club call sign, W1INF. Spearheaded by broadcast engineer Dan Thomas, NC1J, VRCMCT volunteers restored the 1-kW transmitter to operating condition, after obtaining it from the National Capital Radio and Television Museum in Bowie, Maryland. The VRCMCT will retain ownership of the transmitter, while the League houses, and maintains it on loan. The transmitter will be located in the ARRL Lab, and Assistant Lab Manager Bob Allison, WB1GCM, said the transmitter could be on the air as W1AW during such operating events as the AM Rally and the Heavy Metal Rally.

ARRL turned to AM guru and veteran broadcast engineer Tim Timtron Smith, WA1HLR, of Skowhegan, Maine, to handle shifting the BC-1T from 1340 kHz to the ham bands. Timtron not only has been an AM mainstay on 75 and 40 meters over the years, he's engineered all manner of AM, FM, and HF broadcast transmitters in his extensive career. This combination of familiarity and experience made him a logical choice to handle the conversion to amateur use of the Gates BC-1T, which once transmitted country music from KPGE in Page, Arizona.

While a shift from the higher end of the Standard Broadcast Band to 160 meters alone might seem rudimentary, various stipulations added a level of complexity. First, the transmitter had to be modified as little as possible, retaining original components. That ruled out completely redesigning the circuitry. The 833 final amplifier tubes, better suited for broadcast-band use, would be retained as would the inductance-heavy tuning circuits. Another requirement of this one set by Smith of ambitiously called for the transmitter to function on 75 as well as on 160 meters.

The plan was to accomplish the conversion in two phases, with the first to be completed in a few days and include basic crystal-controlled functionality on 160 and 75. The second phase will include adding remote control, relay band switching, and external RF drive for

frequency agility, to be completed later.

Each RF stage was converted, starting with the Colpitts oscillator which offered two octal tube sockets to hold broadcast crystals, and a selector switch. As most veteran radio amateurs may recall from their Novice license days, an octal socket will accommodate FT-243-case crystals; in this case, only minor rewiring was needed. More complicated was changing out feedback and loading capacitors in the oscillator stage, along with the buffer tank circuit. The driver tank circuit was next. Removing one-half of the windings on the multiple tank, changing some connections, shortening long leads on RF bypass capacitors, and modifying the neutralization circuit were necessary. The output tuning circuit proved to be the easiest to convert; parallel capacitors that enabled broadcast-band operation were rewired in series to resonate on the amateur bands. A spare inductor, not required for higher frequencies, was repurposed in place as a dc safety shunt. The modulator just needed only minor changes. All was documented.

Initial tests conducted at 250 W on February 22 demonstrated the success of the modifications and marked completion of the first step toward a new lease on life for the BC-1T as ARRL's flagship AM amateur band transmitter. It took many volunteers and their resources to make this project come together, Allison said. Eventually, visitors to ARRL Headquarters will be able to see the transmitter on the air and possibly use it, by advance request. Allison calls the BC-1T The Ambassador.

It is an ambassador for the AM mode, reaching out a friendly hand to radio amateurs old and new, he said. Thanks to Clark Burgard, N1BCG, and Bob Allison, WB1GCM (ARRL via Mike Terry, WOR iog via DXLD)

MDCL [not Roman numerals]

[I assume the following is in reply to the discussion of CBU's power reduxion, in DXLD 18-10 under Canada, altho the term MDCL was not used, rather Dynamic Carrier Control.  
<https://www.google.com/search?q=mdcl+site%3Awww.w4uvh.net&ie=utf-8&oe=utf-8>  
MDCL has appeared in previous issues, as searched, most also from Ben]

Glenn,  
Modulation Dependent Carrier Level is permitted in both USA and Canada

Canada

3.10.4.3 of BPR-2 references the use of MDCL, although I haven't noticed any other references in the Canadian rules and policies documents.

US

Not in the rules but subject to a policy statement by the Media Bureau, September 13, 2011.

So far as I am aware, all uses of MDCL in N. America employ essentially the "BBC" system, that is, full carrier with no modulation, carrier suppressed with modulation. The total voltage envelope of operation with this type of MDCL essentially does not exceed that of the carrier. The other benefit besides reduction in power consumption is the considerably lowered voltage stress on the transmitter and particularly the antenna system.

We know of at least one station which employs it because of chronic voltage handling problems in an antenna, and it is a relatively low powered station where the power savings is not critical.

The best one volume reference work on the subject is the NRSC standard, which I have attached. (It is a committee work, of course, but I did get to write some parts of it.) (Ben Dawson, Hatfield-Dawson, WA, March 13, DX LISTENING DIGEST)

#### PROPAGATION

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March is the most geomagnetically active month of the year

Northern spring is only two weeks away. That's good news for sky watchers because auroras love equinoxes. Data prove it:

<http://spaceweather.com/images2017/27aug17/equinoxes.png?PHPSESSID=kphiucp5c44qcc7phkj3028f36>

At this time of year, even a gentle gust of solar wind can spark auroras around the poles. In fact, on average, March is the most geomagnetically active month of the year. Monitor the photo gallery for sightings of "Spring green."

[http://spaceweathergallery.com/aurora\\_gallery.html](http://spaceweathergallery.com/aurora_gallery.html)  
(via Mike Terry, March 7, WOR iog via DXLD)

:Product: Weekly Highlights and Forecasts

:Issued: 2018 Mar 12 0049 UTC

# Prepared by the US Dept. of Commerce, NOAA, Space Weather Prediction Center

# Product description and SWPC contact on the Web

# <http://www.swpc.noaa.gov/weekly.html>

#

# Weekly Highlights and Forecasts

#

Highlights of Solar and Geomagnetic Activity 05 - 11 March 2018

Solar activity was very low throughout the period.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit reached moderate levels on 10 Mar with normal levels observed through the remainder of the week.

Geomagnetic field activity reached active levels late on 09 Mar and early on 10 Mar due to the combined influences of a coronal hole high speed stream and a weak transient solar wind feature.

#### FORECAST OF SOLAR AND GEOMAGNETIC ACTIVITY 12 MARCH - 07 APRIL 2018

Solar activity is expected to continue at very low levels throughout the outlook period.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to reach high levels on 18-25 Mar with moderate levels expected on 17, 26-30 Mar. Normal flux levels are expected throughout the remainder of the outlook period.

Geomagnetic field activity is expected to reach G1 (Minor) geomagnetic storm levels on 18 and 26 Mar and active levels are expected on 15-17, and 21 Mar due to the influences of multiple, recurrent coronal hole high speed streams. Generally quiet and quiet to unsettled conditions are expected for the rest of the outlook period as a nominal solar wind regime prevails.

:Product: 27-day Space Weather Outlook Table 27DO.txt

:Issued: 2018 Mar 12 0049 UTC

# Prepared by the US Dept. of Commerce, NOAA, Space Weather Prediction Center

# Product description and SWPC contact on the Web

# <http://www.swpc.noaa.gov/wwire.html>

#

# 27-day Space Weather Outlook Table

# Issued 2018-03-12

#

| # UTC       | Radio Flux | Planetary | Largest  |
|-------------|------------|-----------|----------|
| # Date      | 10.7 cm    | A Index   | Kp Index |
| 2018 Mar 12 | 68         | 5         | 2        |
| 2018 Mar 13 | 68         | 5         | 2        |
| 2018 Mar 14 | 68         | 8         | 3        |
| 2018 Mar 15 | 68         | 10        | 4        |

|             |    |    |   |
|-------------|----|----|---|
| 2018 Mar 16 | 70 | 14 | 4 |
| 2018 Mar 17 | 72 | 16 | 4 |
| 2018 Mar 18 | 72 | 20 | 5 |
| 2018 Mar 19 | 72 | 5  | 2 |
| 2018 Mar 20 | 72 | 5  | 2 |
| 2018 Mar 21 | 72 | 12 | 4 |
| 2018 Mar 22 | 72 | 18 | 5 |
| 2018 Mar 23 | 72 | 10 | 3 |
| 2018 Mar 24 | 72 | 5  | 2 |
| 2018 Mar 25 | 72 | 8  | 3 |
| 2018 Mar 26 | 72 | 20 | 5 |
| 2018 Mar 27 | 72 | 5  | 2 |
| 2018 Mar 28 | 72 | 5  | 2 |
| 2018 Mar 29 | 72 | 5  | 2 |
| 2018 Mar 30 | 70 | 8  | 3 |
| 2018 Mar 31 | 68 | 8  | 3 |
| 2018 Apr 01 | 68 | 5  | 2 |
| 2018 Apr 02 | 68 | 5  | 2 |
| 2018 Apr 03 | 68 | 5  | 2 |
| 2018 Apr 04 | 68 | 5  | 2 |
| 2018 Apr 05 | 68 | 5  | 2 |
| 2018 Apr 06 | 68 | 5  | 2 |
| 2018 Apr 07 | 68 | 5  | 2 |

(SWPC via WORLD OF RADIO 1921, DXLD)

Re: BIG ASS SOLAR STORM PREDICTED

Hi all, If you see any statement about Solar Weather from anyone other than NOAA Space Weather Prediction Center, ignore it and put the site your Spam bucket.

<https://www.swpc.noaa.gov/communities/space-weather-enthusiasts>

We are at or very close to Solar Minimum right now. Even G1 Magnetic Storms will become far and few between. "Ap" indices have started to crash the last few months and this is the indicator that the Solar Cycle is finally ending.

The Cycle was anemic sunspot-wise, but geomagnetic activity has taken its time getting quiet. Its the Sun's way of getting back at us DX'ers.

I still believe that the next Cycle will see better days for us HF & VHF DX'ers.

The next one or couple days will see some nice LF conditions, then it will be a bit sloppy for a few of days. I would think North-South paths are good since we are close to Equinox.

I would spend the summer and fall putting together your big arrays.  
Next Fall and Winter should be wonderful.

This Spring and Summer WILL have great Es opportunities overall.  
The Sun won't screw things up as it has. It won't spark things up  
either. It just will be different.

73 (Art Jackson, KA5DWI, Upper Desert Arizona  
<http://ka5dwipropagation.blogspot.com/>  
March 13, ABDX via DXLD)

NEXT SOLAR CYCLE TO BE WEAKEST

Long range solar forecasts by NASA suggest that solar Cycle 25,  
(peaking around the year 2022) will be the weakest solar cycle in  
centuries.

<https://go.nasa.gov/2F2afjK>

(Propagation Report With James Welsh, March BDXC-UK Communication via  
DXLD) ###